630.7
Un31li
1924/25
cop. 2

UNITED STATES DEPARTMENT OF AGRICULTURE

LIST OF WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1924-1925

THE LIBRARY OF THE
APR 23 1931
UNIVERSITY OF ILLINOIS.

OFFICE OF EXPERIMENT STATIONS
MISCELLANEOUS CIRCULAR No. 34

UNITED STATES DEPARTMENT OF AGRICULTURE

MISCELLANEOUS CIRCULAR No. 34

Washington, D. C. March, 1925

LIST OF WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

By MARY A. AGNEW
Office of Experiment Stations

THE LIBRARY OF THE
APR 23 1931
UNIVERSITY OF ILLINOIS.

1924–1925

WASHINGTON
GOVERNMENT PRINTING OFFICE
1925

OFFICERS OF THE ASSOCIATION OF LAND-GRANT COLLEGES

President: A. F. WOODS of Maryland.
Vice President: H. A. MORGAN of Tennessee.
Secretary-Treasurer: J. L. HILLS of Vermont.
Executive Committee: The PRESIDENT, *ex officio;* R. A. PEARSON of Iowa, *chairman;* F. B. MUMFORD of Missouri, W. B. BIZZELL of Texas, R. D. HETZEL of New Hampshire, and J. G. LIPMAN of New Jersey.

OFFICERS OF THE SECTIONS

Section of Agriculture: Chairman, F. W. PECK of Minnesota.
Vice Chairman, D. T. GRAY of Arkansas.
Secretary, E. C. JOHNSON of Washington.
Subsection of Resident Teaching: Chairman, E. M. FREEMAN of Minnesota.
Secretary, C. H. WINKLER of Texas.
Subsection of Experiment Station Work: Chairman, H. W. MUMFORD of Illinois.
Secretary, D. T. GRAY of Arkansas.
Recording Secretary, E. W. ALLEN of Washington, D. C.
Subsection of Extension Work: Chairman, H. J. C. UMBERGER of Kansas.
Secretary, I. O. SCHAUB of North Carolina.
Section of Engineering: Chairman, E. A. HITCHCOCK of Ohio.
Secretary, R. A. SEATON of Kansas.
Section of Home Economics: Chairman, EDITH P. CHACE of Pennsylvania.
Secretary, MARGARET M. JUSTIN of Kansas.

STANDING COMMITTEES

Committee on Instruction in Agriculture, Home Economics, and Mechanic Arts: For three years, SPRIGHT DOWELL of Alabama, ALFRED VIVIAN of Ohio, and ABBY L. MARLATT of Wisconsin; for two years, A. C. TRUE of Washington, D. C., *chairman,* BERTHA M. TERRILL of Vermont, O. M. LELAND of Minnesota, and J. H. SKINNER of Indiana; for one year, G. A. WORKS of New York, ANNA E. RICHARDSON of Iowa, and R. A. SEATON of Kansas.

Committee on College Organization and Policy: For three years, C. A. LORY of Colorado, *chairman:* and E. C. ELLIOTT of Indiana; for two years, F. P. ANDERSON of Kentucky and BRADFORD KNAPP of Oklahoma; for one year, C. C. LITTLE of Maine, and MARTHA VAN RENSSELAER of New York.

Committee on Experiment Station Organization and Policy: For three years, J. T. JARDINE of Oregon, and E. W. ALLEN of Washington, D. C.; for two years, T. P. COOPER of Kentucky, and H. G. KNIGHT of West Virginia; for one year, R. W. THATCHER of New York, *chairman,* and F. D. FARRELL of Kansas.

Committee on Extension Organization and Policy: For three years, F. W. PECK of Minnesota and J. PHIL CAMPBELL of Georgia; for two years, H. J. BAKER of New Jersey, and W. H. BROKAW of Nebraska; for one year, G. I. CHRISTIE of Indiana, and T. O. Walton of Texas, *chairman.*

Committee on Military Organization and Policy: For three years, SAMUEL AVERY of Nebraska, *chairman,* and A. G. CRANE of Wyoming; for two years, J. M. THOMAS of Pennsylvania and H. L. KENT of New Mexico; for one year, E. G. PETERSON of Utah and H. A. MORGAN of Tennessee.

Committee on Engineering Experiment Stations: For three years, C. R. JONES of West Virginia; for two years, G. W. BISSELL of Michigan, *chairman;* for one year, M. S. KETCHUM of Illinois; and, *ex officio,* the SECRETARY of the Section of Engineering.

JOINT COMMITTEES OF THE ASSOCIATION AND THE UNITED STATES DEPARTMENT OF AGRICULTURE

Committee on Projects and Correlation of Research: F. B. MUMFORD of Missouri, *chairman,* H. L. RUSSELL of Wisconsin, and B. L. HARTWELL of Rhode Island; with E. D. BALL, E. W. ALLEN, and W. A. TAYLOR of the United States Department of Agriculture.

Committee on Publication of Research. J. G. LIPMAN of New Jersey, *chairman,* H. W. MUMFORD of Illinois and S. B. HASKELL of Massachusetts; with E. W. ALLEN, C. L. MARLATT, and C. L. SHEAR of the United States Department of Agriculture.

KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architecture.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry.
Biol., Biology, Biologist, Biological.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Econ., Economy, Economic, Economics.
Ed., Education.
Ele., Elementary.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening.
Gen., General.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor.
Insts., Institutes.
Invest., Investigations, Investigational.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization.
Ornith., Ornithology, Ornithologist.
Parasitol., Parasitology, Parasitologist.
Path., Pathology, Pathologist.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientific.
Sec., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology.
Sta., Station.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist.

630.7
Un31li
1924/25
Cop 2

STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

ALABAMA

College of Agriculture and the Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn*

*College faculty. †Station staff. ‡Extension staff

*Spright Dowell, M. A., LL. D., *President*
*†M. J. Funchess, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡L. N. Duncan, M. S., *Dir. of Ext. Service*
*†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.*

Agronomy: Dean Funchess *in charge.*
†W. H. Appleton, B. S., *Asst. in Agron.*
‡F. E. Boyd, M. S., *Ext. Agron.*
*†F. W. Parker, Ph. D., *Asst. Prof. Agron.; Soil Chem.*
†W. W. Pate, B. S., *Asst. in Agron.*
*J. W. Tidmore, M. S., *Instr. Agron.*
†H. B. Tisdale, M. S., *Assoc. in Plant Brdg.*
†J. T. Williamson, B. S., *Supt. of Coop. Expts.*

Animal Industry: *††J. C. Grimes, M. S., *Head Prof.*
*†W. H. Eaton, B. S., *Assoc. Prof. Dairying; Dairyman.*
*††J. E. Ivey, M. S., *Prof. Poultry Husb.; Poultry Husb.*
*F. W. Burns, B. S., *Asst. Prof. An. Indus.*
‡S. R. Doughty, B. S., *Poultry Specialist.*
‡H. A. Gardner, M. S., *Poultry Specialist.*
‡William Hardie, B. S., *Dairy Specialist.*
‡L. G. Pearson, B. S., *Supt. National Egg Laying Contest.*
*†W. D. Salmon, M. S., *Asst. Prof. An. Indus.; Asst. in An. Indus. Research.*
‡J. D. Sykes, B. S., *Poultry Specialist.*
‡G. A. Trollope, B. S., *Poultry Specialist.*

Botany: *†W. A. Gardner, Ph. D., *Head Prof. Bot., Plant Physiol.; Bot.*
*†W. L. Blain, M. A., *Assoc. Plant Path.*
‡L. E. Miles, Ph. D., *Plant Path.*
*†Martin Palmer, B. S., *Instr. and Asst. in Bot.*

Chemistry: *B. B. Ross, M. S., LL. D., *Head Prof. Gen. and Agr. Chem. (State Chem.).*
*†E. R. Miller, Ph. D., *Head Research Prof. and Research Chem.*
*†M. A. Barnes, B. S., *Asst. Research Chem.*
*C. A. Basore, M. S., *Asst. Prof. Chem.*
*C. L. Hare, M. S., *Prof. Phys. and Physiol. Chem.*
*G. H. Marsh, M. S., *Asst. Prof. Org. Chem.*
*H. M. Martin, M. S., *Asst. Prof. Chem.*
*P. P. Powell, M. S., *Assoc. Prof. Chem. and Geol.*

Education (Agr.): ——— ———*Prof. Agr. Ed.*
*S. L. Chesnutt, A. B., *Prof. Voc. Agr.*

Engineering (Agr.): *††M. L. Nichols, M. S., *Head Prof.*
*Arvey Carnes, B. S., *Asst. Prof. Agr. Engin.*
‡T. B. Chambers, B. S., *Agr. Engin. Specialist.*
*†E. C. Easter, M. S., *Instr. and Assoc. Agr. Engin.*
‡L. C. LeBron, B. S., *Agr. Engin. Specialist.*
*†J. W. Randolph, M. S., *Asst. Prof. and Asst. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.): [1] Director Duncan *in charge.*
‡Agnes E. Harris, B. S., *State Home Dem. Agt.*
‡May I. Cureton, *Asst. State Home Dem. Agt.*
‡Helen Johnston, A. M., *Asst. State Home Dem. Agt.*
‡Elizabeth M. Mauldin, A. B., *Asst. State Home Dem. Agt.*
‡Gladys Tappan, *Asst. State Home Dem. Agt.*

Home Economics: ——— ——— — *Head of Dept.*
‡Josephine Eddy, B. S., *Clothing Specialist.*
*Dana K. Gatchell, B. S., *Asst. Prof. Home Econ. (Foods).*
*Henrietta M. Thompson, M. A., *Asst. Prof. Home Econ. (Clothing).*

Horticulture: *†C. L. Isbell, M. S., *Actg. Head of Dept.*
‡S. H. Gibbons, B. S., *Hort. Specialist.*
†R. W. Taylor, B. S., *Asst. in Hort.*
*L. M. Ware, B. S., *Instr. Hort.*

Rural Organization and Farm Management:
*†J. F. Duggar, M. S., *Research Prof. Farm Mgt.; Agr. Economist.*
‡K. G. Baker, B. S., *Marketing Specialist.*
‡F. W. Gist, *Agr. Statistician.*
‡J. D. Pope, M. S., *Agr. Econ. and Farm Mgt. Specialist.*
‡L. T. Wells, B. S., *Marketing Specialist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

NOTE.—Miss Betty T. Richardson assisted in the preparation of these lists.

They include only names of persons directly engaged in teaching, investigation, or demonstration in agriculture and home economics.

An asterisk (*) indicates a college officer, a dagger (†) a station officer, and a double dagger (‡) an extension worker. When the title of the position in the station differs from that in the college the latter is given first, except in the case of the director of the station. A key to the abbreviations used is given on page III.

Veterinary Medicine: *†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.; Vet. (State Vet.). Dir. Farmers' Insts.*
*N. G. Covington, D. V. M., M. D. C., *Asst. Prof. Physiol. and Vet. Diagnosis.*
*I. S. McAdory, B. S., D. V. M., *Prof. Vet. Sci.*
*F. D. Patterson, jr., D. V. M., *Asst. Prof. Vet. Med.*
*R. S. Sugg, B. S., D. V. M., *Asst. Prof. Bact. and Path.*
*E. S. Winters, B. S., D. V. M., *Lect. on Anti-Hog Cholera Serum.*

Zoology and Entomology: *†J. M. Robinson, M. A., *Actg. Head Prof. Zool. and Ent.; Actg. Ent.*
*†F. E. Guyton, M. S., *Prof. Zool. and Ent.; Asst. Ent.*
*†H. G. Good, M. S., *Asst. Prof. Zool. and Ent.; Asst. Ent.*
‡W. A. Ruffin, M. S., *Ext. Ent.*

Miscellaneous:
††P. O. Davis, B. S., *Editor.*
*‡M. A. Glenn, *Treas.*
*†Mary E. Martin, *Libr.*
‡Irving Patrick, B. S., *Asst. Editor.*

Canebrake Agricultural Experiment Station, *Uniontown*

†W. A. Cammack, B. S., *Director*

Agricultural and Mechanical Institute for Negroes, *Normal*

*Agricultural faculty. ‡Extension staff

*T. R. Parker, A. M., *President*

*Mrs. D. W. Adair, *Super. Home Econ.*
*J. H. Alston, B. S., *Agr. Chem. and Biol.*
*Mrs. J. L. Bray, *Laundering.*
*Cleveland Buchanan, *Voc. Agr.*
‡E. C. Dobbs, *Agr. Dem. Agt.*
‡W. T. Gravitt, *Agr. Dem. Agt.*
*Mrs. Maggie W. Jones, *Home Econ.*
*Adline Robinson, *Nursing.*
*Mrs. E. P. Selby, *Home Econ.*
‡Miss M. L. Snipes, *Home Econ. Ext.*

Agricultural School and Agricultural Experiment Station of the Tuskegee Normal and Industrial Institute, *Tuskegee Institute*

*College faculty. †Station staff. ‡Extension staff

*R. R. Moton, LL. D., *Principal*
*B. F. Hubert, M. S., *Dir. of Agr. Dept.*
†G. W. Carver, M. S., *Dir. of Sta. and Consult. Chem.*
‡C. J. Calloway, B. A., *Dir. of Ext. Dept.*

*H. B. Benson, *Swine Herd.*
*J. H. Bias, D. V. M., *Vet. Sci.*
‡T. M. Campbell, *Supt. U. S. Farm Dem.*
*Octavia Clark, *Plain Sewing.*
*T. N. Cowen, *Farm Mgt.*
*Annie P. Crews, *Dom. Sci.*
*†K. W. G. Donma, *An. and Plant Brdg.*
*Dorothy Doram, *Dom. Sci.*
*A. D. Edwards, *Farm Shop Work.*
*Arthur Floyd, B. S., *Teacher Training in Agr.*
‡G. W. Goodwin, *U. S. Farm Dem.*
*E. A. Grant, L. I., *Dairy Herd and Creamery.*
*Floyd V. Green, *Dom. Art.*
‡Luella C. Hanna, *Movable Schools for Women.*
*W. W. Hayes, *Market Gard.*
*Iva G. Hill, *Farm Accts.*
‡Nicholas Kollock, *Movable Schools for Men.*
‡Rosa B. Jones, *State Home Dem. Agt.*
‡C. M. Kynette, *State Club Agt.*
*C. A. Lancaster, *Poultry Husb.*
*Sarah P. Martin, *Asst. Dir. Women's Industries.*
*Caroline C. Owens, *Home Planning and Furnishing.*
*Ophelia Pearson, *Teacher Training in Home Econ.*
*Hattie Reynolds, *Plain Sewing and Dressmaking.*
‡Eunice V. Rivers, *Rural Health Nurse.*
‡Harry Simms, *State Agt.*
*Motta L. Sims, B. A., *Teacher Training in Home Econ.*
*Julia Skinner, *Ladies' Tailoring and Advance Dressmaking.*
*Ernestine Suarez, *Libr.*
*V. C. Turner, B. S., *Agron., Dairying, Farm Mgt.*
*Susie M. Waggener, *Dom. Sci.*
*Mrs. B. T. Washington, M. A., *Dir. Women's Industries.*
*†L. J. Watkins, *Forest, Grounds, and Surveys.*
*†J. E. Whitfield, *Prof. Gen. Agr. and Hort. Asst. Dir. Agr. Dept.*
*D. A. Williston, B. S., *Dir. Landsc. Gard. Dept.*
*V. W. Winters, B. S., *Agr. Chem.*
*†Matthew Woods, *An. Husb.*

ALASKA

Alaska Agricultural College and School of Mines (Divisions of Agriculture and Home Economics), *Fairbanks*

*Agricultural faculty

*C. E. Bunnell, A. M., *President*

*G. R. Hood, M. S., *Prof. Chem.*
*C. H. Morgan, M. S., *Prof. Agr.*
*Ruth K. Trail, M. S., *Prof. Home Econ.*

Agricultural Experiment Stations, *Sitka, Kodiak, Rampart, Fairbanks,* and *Matanuska*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†C. C. Georgeson, Sc. D., *Director, Sitka*

†E. M. Floyd, *Asst. in charge, Rampart.*
†G. W. Gasser, B. S., *Agron. in charge, Fairbanks.*
†Hans Lindberg, *Hort., Sitka.*
†M. D. Snodgrass, B. S., *Agron. in charge, Matanuska.*
†H. O. White, *Asst. at Kodiak.*
†W. T. White, B. S., *An. Husb. in charge, Kodiak.*
†J. C. Wingfield, B. S., *Asst Hort., Matanuska.*

ARIZONA

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Arizona, *Tucson*

*College faculty. †Station staff. ‡Extension staff

*C. H. Marvin, Ph. D., LL. D., *President of University*
*†J. J. Thornber, A. M., *Dean Coll. of Agr., Dir. of Sta. Bot.*(†)
‡P. H. Ross, B. S., *Dir. of Agr. Ext. Service*

Agronomy: *†R. S. Hawkins, M. S., *Assoc. Prof. and Agron.*
*†W. E. Bryan, M. S., *Prof. Plant Brdg.; Plant Breeder.*
*†I. A. Briggs, M. S., *Instr. and Asst. Agron.*
*†S. P. Clark, B. S., *Asst. Prof. and Asst. Agron.*
*†E. H. Pressley, M. S., *Asst. Prof. Plant Brdg.; Asst. Plant Breeder.*
‡B. J. Showers, B. S., *Ext. Agron.*

Animal Industry: *†W. S. Cunningham, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†Harry Embleton, B. S., *Assoc. Prof. and Poultry Husb.*
*†E. B. Stanley, M. S., *Assoc. Prof. and An. Husb.*
‡Lorraine C. Boggs, B. S., *Ext. Poultry Husb.*
*†‡R. N. Davis, B. S., *Asst. Prof. and Asst. Dairy Husb.*
‡C. U. Pickrell, B. S., *Ext. An. Husb. (P. O., Phoenix).*
*†E. L. Scott, M. S., *Instr. and Asst. An. Husb.*

Biology: *†C. T. Vorhies, Ph. D., *Head Dept. of Biol. Prof. Ent.; Ent.*
*†J. G. Brown, M. S., *Prof. Plant Path.; Plant Path.*
*G. T. Caldwell, M. S., *Assoc. Prof. Biol.*
*Mary H. Estill, M. S., *Instr. Biol.*
‡D. A. Gilchrist, B. S., *Rodent Control Specialist (Coop. U. S. D. A.: P. O., Phoenix).*
*A. F. Hemenway, Ph. D., *Assoc. Prof. Biol.*
*Oran Raber, Ph. D., *Asst. Prof. Biol.*
*†R. B. Streets, Ph. D., *Asst. Prof. and Asst. Plant Path.*

Chemistry: *†P. S. Burgess, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*†C. N. Catlin, A. M., *Assoc. Prof. and Assoc. Agr. Chem.*
*T. F. Buehrer, Ph. D., *Asst. Prof. Chem.*
*H. W. Estill, M. S., *Asst. Prof. Chem.*
*Henry Eyring, M. S., *Instr. Chem.*
*L. E. Roberts, Ph. D., *Assoc. Prof. Chem.*
*Lila Sands, Ph. D., *Instr. Chem.*
*†H. V. Smith. M. S., *Instr. and Asst. Agr. Chem.*

Education (Agr.): *E. D. Doxsee, M. S., *Asst. Prof. Voc. Ed.*

Engineering (Agr.): *†G. E. P. Smith, C. E., *Prof. Irrig. Engin.; Irrig. Engin.*
*†H. C. Schwalen, B. S., *Instr. and Asst. Irrig. Engin.*

Extension (Admin.):[1] Director Ross *in charge.*
‡A. B. Ballantyne, B. S., *Asst. Dir. (County Agt. Work).*
‡Stella Mather, M. S., *State Home Dem. Agt.*

Home Economics: *Nina B. Crigler, M. A., *Prof. Home Econ.*
*Bertha F. Lent, M. A., *Asst. Prof. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
*Eve E. Turnbull, M. A., *Asst. Prof. Home Econ.*
*Gladys H. Webster, M. A., *Instr. Home Econ.*

Horticulture: *†——— ———, *Prof. Hort.; Hort.*
*†D. W. Albert, B. S., *Asst. Prof. and Asst. Hort.*
‡A. F. Kinnison, B. S., *Ext. Hort.*
*†M. F. Wharton, M. S., *Instr. and Asst. Hort.*

Miscellaneous:
*Estelle Lutrell, A. M., *Libr.*
———, *Editor.*

Substations:
Prescott Dry-Farm, *P. O., Prescott*— C. W Clark, B. S., *Foreman.*
Salt River Valley Farm, *P. O., Mesa*—C. J. Wood, *Foreman.*
Sulphur Spring Valley Dry-Farm, *P. O., Cochise*—F. G. Gray, *Foreman.*
Tempe Date-Palm Orchard, *P. O., Tempe*—T. L. Stapley, *Foreman.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—J. G. Hamilton, B. S., *Foreman.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

*College faculty. †Station staff. ‡Extension staff

*J. C. Futrall, M. A., LL. D., *President of the University*
*††Dan T. Gray, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. Agr. Ext. Service*

Agronomy: *†Martin Nelson, M. S., *Head of Dept.*
‡D. J. Burleson, B. S., *Agron. Specialist.*
*†H. G. M. Jacobson, M. S., *Instr. and Asst. Agron.*
*†C. K. McClelland, M. S., *Asst. Prof. and Asst. Agron.*
*†L. W. Osborn, B. S., *Asst. Prof. and Asst Agron.*
*†W. H. Sachs, M. S., *Assoc. Prof. and Assoc. Agron. (Soils).*
*†J. O. Ware, M. S., *Asst. Prof. and Asst. Agron.*

Animal Husbandry and Dairying: *†H. E. Dvorachek, B. S., *Head of Dept.*
‡F. D. Crooks, B. S., *Poultry Specialist.*
*†Edgar Martin, B. S., *Asst. Prof. and Asst. An. Husb. (Beef Cattle and Horses).*
*†R. H. Mason, B. S., *Asst. Prof. and Asst. An. Husb. (Dairying).*
‡M. W. Muldrow, B. S., *Livestock Specialist (P. O., Little Rock).*
*†H. A. Sandhouse, M. S., *Assoc. Prof. and Asst. An. Husb.*
*†S. R. Stout, B. S., *Asst. Prof. and Asst. An. Husb. (Poultry).*
*†W. C. Wilbanks, B. S., *Instr. and Asst. in Dairying.*
‡W. H. Woodley, B. A., *Dairy Specialist.*

Bacteriology: *†W. L. Bleecker, D. V. M., *Head of Dept.*

Chemistry: *†J. W. Read, M. S., *Head Dept. of Agr. Chem.*
*†Barnett Sure, Ph. D., *Assoc. Prof. and Asst. Agr. Chem.*

Education (Agr.): *E. B. Matthew, M. S., *Head of Dept.*
*K. L. Holloway, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): *†D. G. Carter, B. S. A. E., *Head of Dept.*
*H. T. Barr, B. S. A. E., *Instr. Agr. Engin.*

Entomology: *†W. J. Baerg, Ph. D., *Head of Dept.*
‡R. L. Anderson, *Predatory An. Control Specialist (P. O., Little Rock).*
*†Dwight Isely, M. A., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.): [1] Director Gray *in charge.*
‡T. R. Reid, B. S., *Asst. Dir. (P. O., Little Rock).*
‡Connie J. Bonslagel, A. B., *State Home Dem. Agt. (P. O., Little Rock).*
‡W. J. Jernigan, B. A., *State Boys' and Girls' Club Leader (P. O., Little Rock).*

Farm Management and Marketing:
*‡A. D. McNair, *Prof. and Specialist in Farm Mgt. (Coop. U. S. D. A.).*
‡E. A. Hodson, M. S., *Marketing Specialist.*

Home Economics: ——— ———, *Head of Dept., Prof. Home Econ. Ed.*
‡Gertrude E. Conant, B. A., *Foods and Nutr. Specialist (P. O., Little Rock).*
*Madge E. Johnson, B. S., *Asst. Prof. Home Econ.*
*Faye Keever, B. S., *Asst. Prof. Home Econ.*
‡Ruby Mendenhall, B. S., *Home Econ. Specialist (P. O., Little Rock).*
*M. Agnes Nelson, Ph. B., *Instr. Home Econ.*
‡Em. S. Patty, B. S., *Textile and Clothing Specialist (P. O., Little Rock).*
*Mrs. Carrie P. Taylor, B. S., *Instr. Home Econ. Actg. Head of Dept.*

Horticulture: *†J. R. Cooper, M. S., *Head of Dept.*
*†C. W. Rapp, M. S., *Assoc. Prof. and Asst. Hort.*
*†C. B. Wiggans, M. S., *Instr. and Asst. Hort.*
‡Claude Woolsey, M. S., *Ext. Hort.*

Plant Pathology: *†V. H. Young, Ph. D., *Head of Dept.*
*†H. R. Rosen, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Veterinary Science: *†J. H. Bux, D. V. M., *Head of Dept. (State Vet.: P. O., Little Rock).*
*†S. J. Schilling, B. S., D. V. M., *Assoc. Prof. and Asst. Vet.*

Miscellaneous:
‡G. M. Ochm, A. B., B. J., *Ext. Editor.*
*††J. P. Bell, *Asst. Editor.*
*†Margaret Galloway, *Libr.*

State Agricultural, Mechanical, and Normal School, *Pine Bluff*

*Agricultural faculty

*R. E. Malone, *Superintendent*
*W. L. Webb, *Dir. Agr. Dept.*

*Ada B. Anderson, *Asst. Home Econ.*
*Diana S. Dent, *Dir. Home Econ.*
*W. A. Marks, *Prof. Chem. and Biol.*
*Corine Mathis, *Asst. Biol.*
*Lena Plantevigne, *Asst. Home Econ.*
*C. S. Woodard, *Teacher Training in Agr. Work.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

CALIFORNIA

College of Agriculture and the Agricultural Experiment Station of the University of California

Berkeley

*College faculty. †Station staff. ‡Extension staff

*W. W. Campbell, Sc. D., LL. D., *President of University*
*†E. D. Merrill, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡B. H. Crocheron, M. S., *Dir. Agr. Ext. Service*
*†H. J. Webber, Ph. D.; D. Agr., *Dean School of Trop. Agr., Dir. Citrus Expt. Sta.*
———, *Dir. Branch of Coll. of Agr., P. O., Davis*

Agriculture: *T. F. Hunt, D. Agr., D. Sc., *Prof. Agr.*

Agronomy: *†J. W. Gilmore, M. S., *Prof. Agron.* (*P. O., Davis*).
*†D. R. Hoagland, M. S., *Head Div. of Plant Nutr.*
*†C. F. Shaw, B. S., *Head Div. of Soil Tech.*
*J. S. Burd, B. S., *Prof. Plant Nutr.*
*†J. P. Conrad, B. S., *Assoc. in Agron.* (*P. O., Davis*).
†S. W. Cosby, B. S., *Research Assoc. in Soil Tech.*
*‡A. R. Davis, Ph. D., *Asst. Prof. Plant Nutr.*
†J. A. Denny, *Foreman in Cereal Work* (*P. O., Fresno*).
†W. H. Dore, B. S., *Asst. Prof. Plant Nutr.*
*†W. F. Gericke, Ph. D., *Asst. Prof. Plant Nutr.*
*†G. W. Hendry, B. S., *Asst. Prof. Agron.*
*†P. L. Hibbard, B. S., *Asst. Prof. Plant Nutr.*
*N. E. A. Hinds, Ph. D., *Asst. Prof. Geol.* (*P. O., Davis*).
*†P. B. Kennedy, Ph. D., *Prof. Agron.*
*C. B. Lipman, Ph. D., *Prof. Plant Nutr.*
*†W. W. Mackie, M. S., *Asst. Prof. Agron.*
*†B. A. Madson, B. S., *Asst. Prof. Agron.* (*P. O., Davis*).
*†J. C. Martin, B. S., *Instr. Plant Nutr.*
*†Alfred Smith, M. A., *Asst. Prof. Soil Tech.* (*P. O., Davis*).
*†R. E. Storie, B. S., *Asst. in Soil Tech.* (*P. O., Davis*).
*†T. F. Tavernetti, B. S., *Asst. Prof. Farm Pract.*
†W. W. Weir, *Asst. Prof. Soil Tech.*
*†E. V. Winterer, M. S., *Asst. in Soil Tech.*

Animal and Dairy Industry: *†G. H. True, B. S., *Head Div. of An. Husb.* (*P. O., Davis*).
*†C. L. Roadhouse, D. V. M., *Head Div. of Dairy Indus.* (*P. O., Davis*).
*†W. A. Lippincott, Ph. D., *Head Div. of Poultry Husb.* (*P. O., Davis*).
‡F. H. Abbott, B. S., *Specialist in Butter Standardization* (*Coop. U. S. D. A.: P. O., Davis*).
*†J. E. Dougherty, B. S., *Assoc. Prof. Poultry Husb.* (*P. O., Davis*).
‡R. B. Easson, B. S., *Poultry Specialist.*
†A. W. Farrall, M. S., *Asst. in Dairy Indus.* (*P. O., Davis*).
†A. H. Folger, B. S., *in charge Advanced Registry Work* (*P. O., Davis*).
‡G. E. Gordon, *Dairy Specialist.*
*†H. R. Guilbert, M. S., *Asst. An. Husb.* (*P. O., Davis*).
*†C. E. Howell, M. S., *Asst. Prof. An. Husb.* (*P. O., Davis*).

Animal and Dairy Industry—Continued.
*†E. H. Hughes, M. S., *Assoc. Prof. An. Husb.* (*P. O., Davis*).
*†W. E. Lloyd, B. S., *Asst. Prof. Poultry Husb.* (*P. O., Davis*).
*†S. W. Mead, M. S., *Asst. Prof. An. Husb.* (*P. O., Davis*).
*†R. F. Miller, M. S., *Assoc. Prof. An. Husb.* (*P. O., Davis*).
*†C. S. Mudge, Ph. D., *Asst. Prof. Dairy Indus.* (*P. O., Davis*).
*†D. H. Nelson, M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
‡W. E. Newlon, B. S., *Poultry Specialist.*
*Sylvia L. Parker, A. B., *Instr. Poultry Husb.* (*P. O., Davis*).
*†C. A. Phillips, B. S., *Instr. in Dairy Indus.* (*P. O., Davis*).
*†W. M. Regan, A. M., *Assoc. Prof. An. Husb.* (*P. O., Davis*).
*†G. D. Turnbow, M. S., *Asst. Prof. Dairy Husb.* (*P. O., Davis*).
*†E. C. Voorhies, B. S., *Asst. Prof. An. Husb. and Asst. to Dean of Coll.*
*†F. R. Wilson, B. S., *Asst. Dairy Indus.* (*P. O., Davis*).
*†J. F. Wilson, M. A., *Asst. Prof. An. Husb.* (*P. O., Davis*).

Botany: *†W. A. Setchell, Ph. D., *Prof. Bot.*
*†H. S. Reed, Ph. D., *Prof. Plant Physiol.* (*P. O., Riverside*).
†H. A. Borthwick, M. A., *Asst. in Bot.* (*P. O., Davis*).
*†A. R. C. Haas, Ph. D., *Asst. Prof. Plant Physiol.* (*P. O., Riverside*).
†F. F. Halma, B. S., *Research Assoc. in Plant Physiol.* (*P. O., Riverside*).
*R. M. Holman, Ph. D., *Asst. Prof. Bot.*
*†W. W. Robbins, Ph. D., *Assoc. Prof. Bot.* (*P. O., Davis*).

Chemistry: *†W. P. Kelley, Ph. D., *Prof. Agr. Chem.* (*P. O., Riverside*).
*†C. S. Bisson, Ph. D., *Prof. Chem.* (*P. O., Davis*).
†S. M. Brown, *Asst. Chem.* (*P. O., Riverside*).
*†A. B. Cummins, B. S., *Asst. in Agr. Chem.* (*P. O., Riverside*).
*J. G. Sewell, B. S., *Instr. Chem.* (*P. O., Davis*).
†E. E. Thomas, B. S., *Research Assoc. in Agr. Chem.* (*P. O., Riverside*).

Economics (Rural): *†Elwood[1] Mead,[2] D. E., *Head Div. of Rural Institutions.*
*†R. L. Adams, M. S., *Head Div. of Farm Mgt. and Actg. Head Div. of Agron.*

[1] This institution gives the academic title to all employees. [2] On leave.

Economics—Continued.
*W. R. Camp, Ph. D., *Assoc. Prof. Rural Institutions.*
*†H. E. Erdman, Ph. D., *Assoc. Prof. Rural Institutions.*
‡L. W. Fluharty, B. S., *Farm Mgt. Dem.*
*†S. W. Shear, Ph. D., *Assoc. in Rural Institutions (P. O., Davis).*
*†D. Weeks, M. S., C. E., *Assoc. in Rural Institutions.*
*†C. H. West, M. S., *Actg. Asst. Prof. Rural Institutions.*

Education (Agr.): *†F. L. Griffin, M. S., *Head of Div.*
*H. M. Skidmore, A. M., *Supvr. Agr. Teacher Training.*
*W. E. Berg, B. S., *Assoc. in Agr. Ed.*
*H. M. Butterfield, M. S., *Corresp. Teacher in Agr. Ed.*
*†O. J. Kern, *Asst. Prof. Agr. Ed.*

Engineering (Agr.): *†L. J. Fletcher, B.S., *Head of Div. (P. O., Davis).*
†Frank Adams, A. M., *Head of Irrig. Invest. (Coop. U. S. D. A.: P. O., Davis.)*
*†S. H. Beckett, B. S., *Assoc. Prof. Irrig. Pract. (P. O., Davis).*
*†H. L. Belton, *Assoc. in Agr. Engin. (P. O., Davis).*
‡J. B. Brown, B. S., *Irrig. Specialist (P. O., Davis).*
†Frank Davis, B. S., *Asst. in Irrig. Pract. (P. O., Davis).*
†C. F. Dunshee, B. S., *Assoc. in Irrig. (P. O., Davis).*
‡J. P. Fairbank, B. S., *Agr. Engin. Specialist (P. O., Davis).*
*Samuel Fortier, Sc. D., *Consult. Prof. Irrig. (Coop. U. S. D. A.).*
†A. H. Hoffman, E. E., *Asst. Prof. Agr. Engin. (P. O., Davis).*
†M. R. Huberty, B. S., *Asst. in Irrig. Invest. (P. O., Davis).*
†C. N. Johnston, B. S., *Asst. in Irrig. Invest. (P. O., Davis).*
*James Koeber, B. S., *Instr. Farm Mech. (P. O., Davis).*
†J. D. Long, B. S., *Asst. in Agr. Engin. (P. O., Davis).*
†E. G. McKibben, B. S., *Asst. in Agr. Engin. (P. O., Davis).*
*†B. D. Moses, B. S., *Asst. Prof. Agr. Engin. (P. O., Davis).*
*E. J. Stirniman, M. S., *Asst. Prof. Agr. Engin. (P. O., Davis).*
*†C. M. Titus, M. A., *Asst. Prof. Irrig. Invest. (P. O., Davis).*
*†F. J. Veihmeyer, C. E., *Asst. Prof. Irrig. Invest. (P. O., Davis).*
*†H. A. Wadsworth, B. S., *Asst. Prof Irrig. Invest. (P. O., Davis).*
*†R. Wray, *Asst. in Irrig. Invest. (P. O., Davis).*

Entomology: *†W. B. Herms, M. A., *Head Div. of Ent. and Parasitol.*
†A. J. Basinger, M. S., *Asst. Ent. (P. O., Riverside).*

Entomology—Continued.
†J. C. Chamberlin, M. A., *Asst. Ent. (P. O., Riverside).*
†Harold Compere, *Asst. Ent. (P. O., Riverside).*
*†E. R. de Ong, M. S., *Instr. Ent.*
*†E. O. Essig, M. S., *Assoc. Prof. Ent.*
*†S. B. Freeborn, Ph. D., *Asst. Prof. Ent. (P. O., Davis).*
†Hugh Knight, *Asst. in Ent. (P. O., Riverside).*
*†H. J. Quayle, M. S., *Prof. Ent. (P. O., Riverside).*
†E.W. Rust, A.B., *Asst. Ent. (P. O., Riverside).*
*†H. H. P. Severin, Ph. D., *Instr. Ent.*
†Filippo Silvestri, D. S., *Ent. Explorer (P. O., Hongkong, China).*
†H. S. Smith, M A., *Assoc. Prof. Ent. (P. O., Riverside).*
*T. I. Storer, M. S., *Asst. Prof. Zool. (P. O., Davis).*
*†P. H. Timberlake, A. M., *Asst. Prof. Ent. (P. O., Riverside).*
*†E. C. Van Dyke, M. D., *Assoc. Prof. Ent.*
*†G. H. Vansell, A. M., *Instr. Ent. (P. O., Davis).*
*†C. W. Woodworth, M. S., *Prof. Ent.*

Extension (Admin.):[1] Director Crocheron *in charge.*
——— ———, *County Agt. Leader.*
‡Harriet G. Eddy, A. B., *State Home Dem. Leader.*
——— ———, *State Club Leader.*
‡Lillian D. Clark, *Asst. State Home Dem. Leader.*
‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡W. R. Ralston, B. S., *Asst. State Club Leader*
C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡May Secrest, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F M. Spurrier, B. S., *Asst. State Club Leader. Northern Counties.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader,*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
‡V. C. Bryant, M. S., *Asst. Prof. Agr. Ext.*
‡W. T. Clarke, B. S., *Prof. Agr. Ext.*
‡C. F. Elwood, B. S., *Asst. Prof. Agr. Ext.*
‡T. Fr. Hunt, B. S., *Assoc. Prof. Agr. Ext.*
‡J. W. Nelson, B. S., *Assoc. Prof. Agr. Ext.*
‡Wm. J. Norton, Ph. C., *Visual Instruction.*

Forestry: *†Walter Mulford, F. E., *Head of Div.*
*†Emanuel Fritz, M. F., *Asst. Prof. For.*
*†Woodbridge Metcalf, M. S., *Assoc. Prof. For.*
*†A. W. Sampson, Ph. D., *Assoc. Prof. For.*
†F. X. Schumacher, B. S., *Assoc. in For.*

Genetics: *†E. B. Babcock, M. S., *Head of Div.*
*R. E. Clausen, Ph. D., *Assoc. Prof. Genetics.*
*†J. L. Collins, Ph. D., *Instr. Genetics.*
†J. W. Lesley, M. A., *Asst. in Genetics (P. O. Riverside).*
*†Margaret C. Mann, Ph. D., *Instr. Genetics; Cytologist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and dairy industry, etc.

Home Economics:[1] *Mrs. Agnes F. Morgan, Ph. D., *Chair. Dept. of Household Sci.*
*Mary F. Patterson, *Chair. Dept. of Household Art.*
‡Jessie L. Decker, *Home Furnishing Specialist.*
‡Ethelyn M. Dodson, B. S., *Clothing Specialist.*
*W. E. Bates, M. D., *Lect. in Hyg.* (*P. O., Davis.*)

Horticulture: *†H. J. Webber, Ph. D., *Prof. Subtropical Hort.*
*†F. T. Bioletti, M. S., *Head Div. of Vit. and Fruit Products.*
*†J. W. Gregg, B. S., *Head Div. of Landsc. Gard. and Flor.*
*†W. L. Howard, Ph. D., *Head Div. of Pomol.* (*P. O., Davis*).
*†H. A. Jones, Ph. D., *Head Div. of Truck Crops* (*P. O., Davis*).
*†L. D. Batchelor, Ph. D., *Prof. Orchard Mgt.* (*P. O., Riverside*).
*†W. H. Chandler, Ph. D., *Prof. Pomol.*
*F. W. Allen, M. S., *Asst. Prof. Pomol.* (*P. O., Davis*).
*†Lloyd Austin, B. S., *Asst. in Pomol.* (*P. O., Davis*).
†J. P. Bennett, Ph. D., *Asst. Prof. Pomol.*
†Leon Bonnet, I. A., *Assoc. in Vit.* (*P. O., Davis*).
*†S. H. Cameron, M. S., *Asst. in Subtropical Hort.*
*†A. W. Christie, M. S., *Asst. Prof. Fruit Products.*
*†I. J. Condit, B. S., *Assoc. in Subtropical Hort.*
*†W. V. Cruess, B. S., *Assoc. Prof. Fruit Products.*
†W. P. Duruz, M. S., *Instr. Pomol.* (*P. O., Davis*).
*†C. L. Flint, B. S., *Instr. Landsc. Gard. and Flor.*
*†H. B. Frost, Ph. D., *Research Assoc. in Plant Brdg.* (*P. O., Riverside*).
*†A. H. Hendrickson, M. S., *Asst. Prof. Pomol.* (*P. O., Mountain View*).
†M. J. Heppner, M. S., *Asst. in Pomol.* (*P. O., Davis*).
*R. W. Hodgson, M. S., *Assoc. Prof. Subtropical Hort.*
‡W. B. Hooper, B. S., *Specialist in Walnut Growing* (*P. O., Riverside*).
†J. H. Irish, M. S., *Assoc. in Fruit Products.*
†H. E. Jacob, M. S., *Asst. in Vit. and Fruit Products* (*P. O., Davis*).
*†Katherine D. Jones, B. S., *Instr. Landsc. Gard. and Flor.*

Horticulture—Continued.
*†E. L. Overholser, M. A., *Asst. Prof. and Asst. Pomol.*
*†G. L. Philp, M. S., *Asst. Prof. Pomol.* (*P. O., Davis*).
*†E. L. Proebsting, M. S., *Instr. Pomol.* (*P. O., Davis.*)
*†J. T. Rosa, jr., Ph. D., *Asst. Prof. Truck Crops* (*P. O., Davis*).
†Edna M. Russ, B. S., *Asst. in Pomol.* (*P. O., Davis*).
‡W. R. Schoonover, M. S., *Citriculture Specialist* (*P. O., Riverside*).
*†H. W. Shepherd, B. S., *Instr. Landsc. Gard.* (*P. O., Davis*).
†J. L. Stahl, B. S., *Assoc. in Pomol.* (*P. O., Davis*).
†J. G. Surr, *Asst. in Orchard Mgt.* (*P. O. Porterville.*)
*†W. P. Tufts, M. S., *Asst. Prof. Pomol.* (*P. O., Davis*).
*†A. J. Winkler, Ph. D., *Assoc. in Vit.* (P. O., *Davis.*)

Nutrition: *†M. E. Jaffa, M. S., *Head of Div.*
‡Hilda Faust, M. A., *Nutr. Specialist.*
†Harold Goss, B. S., *Instr. Nutr.*

Plant Pathology: *†R. E. Smith, B. S., *Head of Div.*
*†J. T. Barrett, Ph. D., *Prof. Plant Path.; Assoc. Dir. Citrus. Expt. Sta* (*P. O., Riverside*).
*†H. S. Fawcett, Ph. D., *Prof. Plant Path.* (*P. O., Riverside*).
*†E. T. Bartholomew, Ph. D., *Asst. Prof. Plant Path.* (*P. O., Riverside*).
*†W. T. Horne, B. S., *Assoc. Prof. Plant Path.*
*†B. A. Rudolph, M. S. *Research Assoc. in Plant Path.* (*P. O., Mountain View*).
*†C. O. Smith, M. S., *Research Assoc. in Plant Path.* (*P. O., Riverside*).
*†Elizabeth H. Smith, M. S., *Asst. Prof. Plant Path.*

Veterinary Science: *†G. H. Hart, D. V. M., M. D., *Actg. Head of Div.*
†E. H. Barger, D. V. M., *Asst. Vet.* (*P. O. Davis*).
*†J. R. Beach, D. V. M., *Asst. Prof. Vet. Sci.*
*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.*
†D. E. Davis, D. V. M., *Avian Path.* (*P. O., Petaluma*).
*†C. M. Haring, D. V. M., *Prof. Vet. Sci.*
*†F. M. Hayes, D. V. M., *Assoc. Prof. Vet. Sci.* (*P. O., Davis*).
*†Jacob Traum, D. V. M , *Assoc. Prof. Vet. Sci.*

COLORADO

The State Agricultural College of Colorado and the Agricultural Experiment Station, *Fort Collins*

*College faculty. †Station staff. ‡Extension staff

*C. A. Lory, M. S., LL. D., D. Sc., *President*
*S. A. Johnson, M. S., *Dean*
*†C. P. Gillette, D. Sc., *Dir. of Sta.*
*†LD. Crain, M. M. E., *Vice Dir.*
‡Roud McCann, B. S., *Dir. Ext. Service*

Agronomy: *†Alvin Kezer, M. A., *Prof. Agron. and Chair. Div. of Agr.; Agron.*
*C. H. Alford, B. S., *Asst. Prof. Agron.*
†G. W. Deming, B. S., *Asst. in Agron.*
‡Waldo Kidder, B. S., *Agron. Specialist.*

Agronomy—Continued.
*J. D. Marshall, B. S., *Assoc. Prof. Agron.*
†D W. Robertson, M. S., *Assoc. Agron.* (*Cer ea Brdg.*).
*J. W. Sjogren, B. S., *Assoc. Prof. Agron.*

[1] University courses given at Berkeley.

Animal Industry: *†G. E. Morton, M. L., B. S., *Head Dept. of An. Husb. (State Dairy Comr.).*
*†C. I. Bray, M. S., *Assoc. Prof. An. Husb.; Assoc. in An. Invest.*
‡B. W. Fairbanks, B. S., *An. Husb. Specialist.*
‡O. C. Krum, B. S., *Poultry Specialist.*
*L. P. McCann, M. S., *Assoc. Prof. An. Husb.*
†E. J. Maynard, M. S., *Assoc. in An. Invest.*
*C. N. Shepardson, M. S., *Assoc. Prof. An. Husb.*
*H. H. Smith, B. S., *Asst. Prof. An. Husb.*
*O. C. Ufford, B. S., *Asst. Prof. Poultry Husb.*

Bacteriology: †W. G. Sackett, Ph. D., *Bact.*
†Ida W. Ferguson, R. N., *Asst. in Bact.*

Botany: *†L. W. Durrell, Ph. D., *Prof. Bot.; Bot.*
*Mary F. Howe, B. A., *Instr. Bot.*
*†C. D. Learn, M. A., *Asst. Prof. and Asst. Bot.*
*†Anna M. Lute, B. S., *Instr. Bot.; Seed Analyst.*
*†E. C. McCarty, B. S., *Prof. and Asst. Bot.*
*†Caroline M. Preston, *Artist.*

Chemistry: †W. P. Headden, Ph. D., D Sc., *Chem.*
*Mary E. Brown, B. S., *Instr. Chem.*
*R. G. Coffin, B. S., *Assoc. Prof. Chem.*
†Earl Douglass, M. S., *Assoc. Chem.*
*Beatrice J. Geiger, B. S., *Asst. Prof. Chem.*
*N. J. Harrar, B. S., *Instr. Chem.*
*W. E. Pyke, A. B., *Instr. Chem.*
†J. W. Tobiska, M. A., *Asst. Chem.*
†C. E. Vail, M. A., *Assoc. Chem.*
*G. H. Whiteford, Ph. D., *Prof. Chem.*
*Elizabeth M. Wing, A. M., *Assoc. Prof. Chem.*

Economics (Rural): *†L. A. Moorhouse, M. S., *Prof. Rural Econ. and Sociol.; Rural Econ.*
*†R. T. Burdick, M. S., *Assoc. Prof. Rural Econ. and Sociol.; Assoc. in Rural Econ.*
*B. F. Coen, M. A., *Assoc. Prof. Sociol.*
‡A. T. Steinel, *Rural Development Specialist.*
‡T. H. Summers, *Farm Mgt. and Marketing Specialist.*

Education (Rural): *C. G. Sargent, M. A., *Prof. Rural and Voc. Ed., Dir. Voc. Ed.*
*Margaret E. Durward, Ph. B., *Prin. School of Agr.*
*G. A. Schmidt, M. S., *Assoc. Prof. in charge Agr. Ed.*

Engineering (Agr.): *†E. B. House, B. S. E. E., M. S., *Prof. Irrig. Engin.; Irrig. Engin.*
*†O. V. Adams, M. S., C. I. E., *Instr. Irrig. Engin.; Testing Engin.*
‡F. L. Cooper, B. S., *Agr. Engin. Specialist.*
†R. L. Parshall, B. S., *Irrig. Invest. (Detailed by U. S. D. A.).*
*O P. Pennock, M. S., *Assoc. Prof. Irrig. Engin.*
†R E Trimble, B. S., *Asst. in Irrig. Invest.*

Entomology and Zoology: Director Gillette *in charge.*
*S. A. Johnson, M. S., *Assoc. Prof. Ent. and Zool.*
†W. L. Burnett, *Rodent Invest.*
*†J. L. Hoerner, B. S., *Instr. and Asst. Ent.*
*†C. R. Jones, M. S., *Assoc. Prof. Ent., Zool.; Assoc. Ent.*
†G. M. List, B S., *Assoc. Ent. (Chief Deputy State Ent.).*

Entomology and Zoology—Continued.
†J. H. Newton, B. S., *Asst. Ent. (Deputy State Ent.: P. O., Paonia).*
*†Miriam A. Palmer, M. A., *Asst. Prof. Ent., Zool.; Asst. Ent. and Insect Delineator.*

Extension (Admin):[1] Director McCann *in charge.*
‡F. A. Anderson, *Asst. to Dir.*
‡Maude E. Sheridan, M. Pd., *State Leader, Club and Home Dem. Work.*
‡R. H. Felts, B. S., *Asst. County Agt. Leader.*
‡Marie Juel, B. S., *Asst. County Agt. Leader.*
‡R. W. Schafer, B. S., *Asst. County Agt. Leader.*
‡E. D. Smith, *Asst. County Agt. Leader.*

Forestry: *W. J. Morrill, M. F., *Prof. For. (State For.).*
*R. W. Hayes, B. S., M. F., *Asst. Prof. For.*
*†B. O. Longyear, B. S., *Assoc. Prof. For.; For. Invest.*

Home Economics: *Inga M. K. Allison, E. B., *Head of Dept.*
*Charlotte E. Carpenter, Ph. B., *Assoc. Prof. Home Econ.*
*Beryl Dixon, B. S., *Asst. Prof. Dom. Art.*
†Nellie E. Goldthwaite, Ph. D., *Assoc. in Home Invest.*
‡Mrs. Blanche E. Hyde, B. S., *Clothing Specialist.*
*Grace Linder, A. M., *Asst. Prof. Home Econ.*
*Bertha R. Most, *Assoc. Prof. Home Econ.*
‡Eva F. Smith, B. S., *Nutr. Specialist.*
*Eleanor Wilkinson, A. B., *Asst. Prof. Home. Econ.*

Horticulture: *†E. P. Sandsten, Ph. D., *Prof. Hort.; Hort. (State Hort.).*
†F. M. Green, B. S., *Asst. Hort. (Chief Deputy State Hort.: P. O., Delta).*
*E. M. Lowry, M. S., *Asst. Prof Hort.*
*†R. A. McGinty, A. M., *Assoc. Prof. and Assoc. Hort.*
†C. M. Tompkins, M. S., *Asst. Hort.*
*Edgar Tubby, *Florist*

Physics: *F G. Person, A. M., *Head of Dept.*
*F. P. Goeder, M. S., *Assoc. Prof. Phys.*
*D. F. Richardson, B. S., *Asst. Prof. Phys.*

Veterinary Medicine: *†G. H. Glover, M. S., D. V. M., *Head of Div.*
*R. F. Bourne, B. S., D. V. S., *Assoc. Prof. Vet. Physiol.*
†Floyd Cross, D. V. M., *Asst. Vet. Path.*
*James Farquharson, D. V. M., *Asst. Prof. Vet. Anat.*
*†W. H. Feldman, D. V. M., *Asst. Prof. and Asst. in Vet. Path.*
*H. E. Kingman, B. S., D. V. S., *Assoc. Prof. Vet. Surg.*
*†I. E. Newsom, B. S., D. V. S., *Prof. Vet. Path.; Vet. Path.*

Miscellaneous:
*Charlotte A. Baker, *Libr.*
*††G. C. Eddy, *Photog.*
*††I G. Kinghorn, *Pub. Editor.*

Substations:
Ark. Valley Substa., *P. O., Rocky Ford*—
P. K. Blinn, B. S., *Alfalfa Invest.*
J. C. Ward, B. S., *Soil Chem.*
Cheyenne Wells Substa., *P. O., Cheyenne Wells*—
J. W. Adams, B. S., *Asst. in Agron. and Dry Farming.*

[1] For subject-matter workers see the respective divisions, i. e., agronomy, animal industry, etc.

CONNECTICUT

Connecticut Agricultural College and the Storrs Agricultural Experiment Station, *Storrs* (**telegraph address,** *Storrs* **via** *Willimantic;* **railroad station and express address,** *Willimantic*)

*College faculty. †Station staff. ‡Extension staff

*C. L. Beach, B. Agr., B. S., *President*
†W. L. Slate, jr., B. S., *Dir. of Sta.*
‡B. W. Ellis, B. S., *Dir. Ext. Service*

Agronomy: Director Slate, *Sta. Agron.*
*†Henry Dorsey, M. S., *Asst. Prof. and Asst. Agron.*
†B. A. Brown, *Asst. Agron.*
‡J. S. Owens, M. S., *Soil and Crop Specialist.*

Animal Industry: *H. L. Garrigus, B. Agr., *Prof. An. Husb., Supt. Coll. and Gilbert Farms.*
*†W. F. Kirkpatrick, B. E., B. Agr., *Prof. Poultry Husb.; Poultry Husb.*
†L. F. Rettger, Ph. D., *Bact. in An. Diseases (P. O., Yale Sta.).*
*†G. C. White, M. A., *Prof. Dairy Husb.; Dairy Husb.*
‡R. E. Begg, B. S., *Sheep Specialist.*
‡C. O. Dossin, B. S., *Asst. Poultry Specialist.*
†L. C. Dunn, Sc. D., *Geneticist (Poultry Work).*
*†R. C. Fisher, M. S., *Asst. Prof. and Asst. in Dairy Mfg.*
†R. E. Johnson, M. S., *Asst. Dairy Husb.*
‡R. E. Jones, *Poultry Specialist.*
†J. G. McAlpine, Ph. D., *Asst. Bact. in An. Diseases.*
‡A. R. Merrill, B. S., *Dairy Specialist.*
‡J. A. Simms, B. S., *An. Husb. Specialist.*
*A. G. Skinner, B. S., *Asst. Prof. An. Husb.*
*D. E. Warner, jr., B. S., *Asst. Prof. Poultry Husb.*

Bacteriology: *W. M. Esten, M. S., *Prof. Bact*
*Christie J. Mason, B. Agr., *Instr. Bact.*

Botany: *E. W. Sinnott, Ph. D., *Prof. Bot. and Genetics, Dean Div. of Agr. Sci.*
*G. S. Torrey, A. M., *Asst. Prof. Plant Path.*

Chemistry: *H. D. Newton, Ph. D., *Prof. Chem.*
†H. J. Fisher, B. A., *Chem. (P. O., New Haven).*
*J. L. Hughes, A. M., *Asst. Prof. Chem.*

Economics (Agr.): *†‡I. G. Davis, B. A., *Prof. Agr. Econ.; Agr. Economist.*
*‡A. W. Manchester, B. Agr., *Prof. Farm Mgt., Farm Mgt. Dem.*
*E H. Gumbart, Ph. D., *Asst. Prof. Econ.*
*†C. I. Hendrickson, M. S., *Asst. Prof. and Asst. in Agr. Econ.*
‡P. L. Putnam, B. S., *Asst. Farm Mgt. Dem.*

Education (Agr.): *C. B. Gentry, M. S., *Prof. Agr. Ed. and Dean of Teacher Training.*
*J. L. Hypes, A. M., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): *‡F. W. Knipe, B. S., *Instr. Agr. Engin., Specialist in Farm and Home Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1] Director Ellis *in charge.*
‡M. Estella Sprague, *State Home Dem. Leader.*
‡A. J. Brundage, *State Club Leader.*
‡Elsie Trabue, *Asst. State Club Leader.*

Forestry: *A. E. Moss, M. F., *Asst. Prof. For.*

Home Economics: *M. Estella Sprague, *Dean of Div.*
‡Mildred C. Annan, *Millinery Specialist.*
‡Dorothy S. Buckley, Ph. B., *Nutr. Specialist.*
‡Marion E. Dakin, *Nutr. Specialist.*
*Mrs. Gladys I. Hendricksen, Ph. B., *Asst. Prof. Home Econ.*
*Marie G. Lunberg, B. S., *Asst. Prof. Home Econ.*
‡Lisbeth MacDonald, R. N., *Home Nursing Specialist.*
‡Edith L. Mason, B. S., *Clothing Specialist.*
*Ella J. Rose, B. S., *Prof. Home Econ.*

Horticulture: *S. P. Hollister, B. S., *Prof. Hort.*
‡W. H. Darrow, M. S., *Fruit Specialist.*
*R. H. Patch, M. S., *Asst. Prof. Flor.*
*A. T. Stevens, M. S., *Prof. Veg. Gard.*
‡A. E. Wilkinson, M. S., *Veg. Gard. Specialist.*

Veterinary Science: *B. K. Dow, V. S., *Lect. in Vet. Sci.*

Zoology: *†G. H. Lamson, jr., M. S., *Prof. Zool. and Ent.; Zool.*
*‡L. B. Crandall, B. S., *Prof. Apiculture, Bee Specialist.*
*J. A. Manter, B. S., *Instr. Ent.*
*†A. F. Schulze, M. S., *Instr. and Asst. Zool.*

Miscellaneous:
*R. E. Dodge, M. A., *Dean Two-Year Course in Agr.*
‡Walter Stemmons, B. S., *Agr. Editor.*
*Edwina M. Whitney, Ph. B., *Libr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Connecticut State Agricultural Experiment Station, *New Haven*

†Station staff

†E. H. Jenkins, Ph. D., *Director Emeritus*
†W. L. Slate, jr., B. S., *Director*

Analytical Chemistry: †E. M. Bailey, Ph. D., *Chem. in charge.*
†R. E. Andrew, M. A., *Asst. Chem.*
†H. J. Fisher, B. A., *Asst. Chem.*
†W. T. Mathis, B. S., *Asst. Chem.*
†O. L. Nolan, *Asst. Chem.*
†C. E. Shepard, *Asst. Chem.*

Biochemistry: †T. B. Osborne, Ph. D., D. Sc., *Chief Research Chem. in charge.*
†C. S. Leavenworth, Ph. B., *Asst. Chem.*
†H. B. Vickery, Ph. D., *Asst. Chem.*
†A. J. Wakeman, Ph. D., *Asst. Chem.*

Botany: †G. P. Clinton, Sc. D., *Bot. in charge.*
†W. R. Hunt, M. S., *Asst. in Bot.*
†Florence A. McCormick, Ph. D., *Path.*
†E. M. Stoddard, B. S., *Pomol.*

Entomology: †W. E. Britton, Ph. D., *Ent. in charge (State Ent.).*
†J. T. Ashworth, *Deputy in charge Gipsy Moth Work.*

Entomology—Continued.
†R. C. Botsford, *Deputy in charge Mosquito Elimination.*
†R. B. Friend, B. S., *Asst. Ent.*
†Philip Garman, Ph. D., *Asst. Ent.*
†B. H. Walden, B. Agr., *Asst. Ent.*
†M. P. Zappe, B. S., *Asst. Ent.*

Forestry: †W. O. Filley, *For. in charge.*
†H. W. Hicock, M. F., *Asst. For.*
†A. E. Moss, M. F., *Asst. For. (P. O., Storrs).*

Genetics: †D. F. Jones, S. D., *Plant Breeder in charge.*
†P. C. Mangelsdorf, M. S., *Asst. Geneticist.*

Soils: †M. F. Morgan, M. S., *Invest. in Soils.*
†G. D. Searseth, B. S., *Asst. in Soils.*

Miscellaneous: †Miss L. M. Brautlecht, *Libr.*

Substations:
Tobacco Substa,. *P. O., Windsor*—
P. J. Anderson, Ph. D., *in charge.*
N. T. Nelson, Ph D., *Plant Physiol.*

DELAWARE

School of Agriculture and the Agricultural Experiment Station of the University of Delaware, *Newark*

*College faculty. †Station staff. ‡Extension staff

*Walter Hullihen, Ph. D., D. C. L., *President of University*
*††C. A. McCue, B. S., *Dean School of Agr., Dir. of Sta., Dir. of Ext. Service*

Agronomy: *†G. L. Schuster, M. S., *Prof. Agron.; Agron.*
*†C. R. Runk, M. S., *Asst. Prof. and Assoc. Agron.*
†M. A. Willis, B. S., *Asst. Agron.*

Animal Industry: *†C. C. Palmer, D. V. M., M. S., *Prof. An. Indus., Bact.; Vet.*
*T. A. Baker, B. S., *Prof. An. Husb.*
†A. E. Tombave, M. S., *An. Husb.*
*†H. R. Baker, M. S., *Instr. Biol.; Research Asst. in Poultry Diseases.*
*Marion McKinney, A. B., *Instr. Biol.*

Chemistry: †P. B. Meyers, B. S., *Chem.*
†G. L. Baker, B. S., *Asst. Chem.*

Education (Agr.): *R. W. Heim, A. M., *Prof. Voc. Agr. Ed.*

Extension (Admin.): [1] Director McCue *in charge.*
——— ———, *County Agt. Leader and Farm Mgt. Dem.*

Extension (Admin.)—Continued.
‡Kathryn E. Woods, *State Home Dem. Leader.*
‡A. D. Cobb, B. S., *State Club Leader.*

Home Economics: [2] *Ethel L. Parker, M. A., *Prof. Home Econ.*
*Katherine R. Gumble, B. S., *Instr. Home Econ.*
*Elizabeth G. Kelly, A. M., *Instr. Home Econ.*

Horticulture: Dean McCue, *Head of Dept.*
*†L. R. Detjen, M. S., *Assoc. Prof. and Assoc. Hort.*
*†G. F. Gray, M. S., *Instr. and Asst. Hort.*

Plant Pathology: *††T. F. Manns, Ph. D., *Prof. Plant Path. and Soil Bact.; Plant Path. and Soil Bact. Vice Dir. of Sta.*
††J. F. Adams, Ph. D., *Assoc. Plant Path. and Specialist in Plant Path.*

Miscellaneous:
*††Florence Colbert, *Secy.*
†Freda Ritz, *Libr.*

State College for Colored Students, *Dover*

*Agricultural faculty

*R. S. Grossley, B. S., *President*

*J. B. Aiken, A. B., *Instr. Pract. Agr.*
*Florence G. Brooks, Phar. C., *Instr. Home Econ.*
*Ethel L. Cuff, A. B., *Libr.*
*Helen B. Grossley, A. M., *Dir. Home Econ.*
*L. G. Laws, *Instr. Mech. Arts.*
*L. Shepherd, *Dir. Mech. Arts.*
*A. T. Wood, B. S., *Dir. of Agr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, et
[2] Given in the Women's College.

FLORIDA

College of Agriculture and the Agricultural Experiment Station of the University of Florida, *Gainesville*

*College faculty. †Station staff. ‡Extension staff

*A. A. Murphree, A. M., LL. D., *President of University*
*†‡Wilmon Newell, M. S., D. Sc., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*

Agronomy: *J. E. Turlington, Ph. D., *Prof. Agron. and Agr. Econ.*
*O. C. Bryan, Ph. D., *Asst. Prof. Agron.*
*H. G. Hamilton, M. S., *Instr. Farm Mgt.*
†W. E. Stokes, M. S., *Grass and Forage Crop Specialist.*

Animal Industry: †‡J. M. Scott, B. S., *An. Indus. and Vice Dir. of Sta.*
*C. H. Willoughby, B. Agr., *Prof. An. Husb. and Dairying.*
*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
‡H. L. Brown, M. S., *Ext. Dairyman.*
‡N. R. Mehrhof, B. S., *Poultry Specialist.*

Botany—*See* **Horticulture.**

Chemistry: †R. W. Ruprecht, Ph. D., *Chem.*
*V. T. Jackson, Ph. D., *Prof. Agr. Chem.*
†C. E. Bell, M. S., *Asst. Chem.*
†J. M. Coleman, B. S., *Asst. Chem.*

Education (Agr.): *J. W. Day, A. M., *Prof. Agr. Ed.*

Engineering (Agr.): *Frazier Rogers, B. S., *Prof. Agr. Engin.*

Entomology: †J. R. Watson, M. A., *Ent.*
†A. H. Beyer, M. S., *Asst. Ent.*

Extension (Admin.): [1] Director Newell *in charge.*
‡A. P. Spencer, M. S., *Vice Dir.*
‡Flavia Gleason, *State Home Dem. Agt. (P. O., Tallahassee).*
‡R. W. Blacklock, A. B., *State Club Leader.*
‡Virginia P. Moore, *Asst. State Home Dem. Agt. (P. O., Tallahassee).*

Home Economics: ‡Eva Richardson, *Dairy and Nutr. Agt.*
‡Isabelle Thursby, *Food and Marketing Agt.*

Horticulture and Botany: *W. L. Floyd, M. S *Prof. Hort., Bot., Asst. Dean Coll. of Agr.*
*C. E. Abbott, B. S., *Instr. Hort.*
†G. H. Blackmon, B. S., *Pecan Culturist.*
*M. D. Cody, M. A., *Asst. Prof. Bot. and Bact.*
*E. L. Lord, B. S., *Asst. Prof. Hort. and Bot.*
†Harold Mowry, *Asst. Hort.*
*J. S. Rogers, A. M., *Prof. Biol. and Geol. (Agr.).*

Journalism: *†‡J. F. Cooper, B. S., *Assoc. Prof Agr. Journalism. Editor.*

Plant Pathology: †O. F. Burger, Sc. D., *Plant Path.*
‡E. F. DeBusk, B. S., *Ext. Citrus Path.*
†L. O. Gratz, Ph. D., *Asst. Plant Path. (P. O., Hastings).*
*John Gray, M. S., *Asst. Prof. Plant Path. and Econ. Ent.*
†A. S. Rhoads, Ph. D., *Asst. Plant Path. (P. O., Cocoa).*
†G. F. Weber, Ph. D., *Assoc. Plant Path.*

Veterinary Science: *A. L. Shealy, B. S., D. V. M., *Prof. Vet. Sci.*

Miscellaneous:
†Mrs. Ida K. Cresap, *Libr.*
*†‡K. H. Graham, *Auditor.*
*Cora Miltimore, B. S., *Libr.*

Substations:
Citrus Expt. Sta., *P. O., Lake Alfred*—
J. H. Jefferies, *Supt.*
Everglades Expt. Sta., *P. O., Belle Glade*—
M. A. Baker, *Field Asst.*
G. E. Tedder, *Foreman.*
Tobacco Expt. Sta., *P. O., Quincy*—
W. B. Tisdale, Ph. D., *Assoc. Plant Path.*
J. G. Kelley, B. S., *Lab. Asst.*

Florida Agricultural and Mechanical College for Negroes, *Tallahassee*

*Agricultural faculty. ‡Extension staff

*J. R. E. Lee, A. M., LL. D., *President*
*C. O. Brown, *Dir. Agr. Dept.*

*Charles Chapman, *An. Husb. and Dairying.*
*Irma Coleman, *Instr. Dom. Sci.*
*Jauncey DeVaughn, B. S., *Libr.*
*H. M. Efferson, A. B., *Asst. Prof. Sci.*
*Virginia Hilyer, R. N., *Supt. Nurse Training School.*
*J. O. Jones, B. S., *Prof. Biol., Chem.*
*S. J. Lewis, B. S., *Agr.*
*Ciara B. Moon, *Actg. Dean Home Econ. Dept.*
*Clementina Nelson, B. S., *Prof. Dom. Sci.*
*Florence Sherman, *Dom. Art, Millinery.*
‡A. A. Turner, *Farmers' Club Organizer.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

GEORGIA

Georgia State College of Agriculture, University of Georgia, *Athens*

*College faculty. ‡Extension staff

*A. M. Soule, Sc. D., F. R. S. A., LL. D., *President*
‡J. Phil. Campbell, B. S., *Dir. of Ext. Div.*

Agronomy: *‡J. R. Fain, D. Sc., *Prof. Agron.*
*G. A. Crabb, B. S., *Prof. Agron. in charge Soil Work.*
*R. R. Childs, M. S., *Prof. Agron. in charge Cotton Indus. (Coop. U. S. D. A.).*
*E. D. Alexander, B. S., *Assoc. Prof. Agron.*
‡H. C. Appleton, B. S., *Farm Crops Specialist.*
*D. W. Brooks, B. S., *Adjunct Prof. Agron.*
‡L. V. Davis, B. S., *Supvr. Fert. Invest.*
*Paul Tabor, M. S., *Assoc. Prof. Agron. in charge Farm Crops.*
‡Kenneth Treanor, B. S., *Farm Crops Specialist.*
*P. O. Vanatter, *Supt. Field Expts.*
‡F. C. Ward, B. S., *Cotton Specialist.*

Animal Industry: *‡M. P. Jarnagin, D. Sc., *Prof. An. Husb.*
*‡J. H. Wood, B. S. *Prof. Poultry Husb.*
*F. W. Bennett, B. S., *Assoc. Prof. Dairy Husb.*
‡F. W. Fitch, B. S., *Field Agt. in Dairy Husb.*
*A. F. Gannon, B. S., *Adjunct Prof. Poultry Husb.*
*C. E. Kellogg, M. S., *Assoc. Prof. An. Husb.*
‡J. G. Liddell, B. S., *Swine Specialist.*
‡W. C. McCoy, B. S., *Field Agt. in Poultry Husb.*
‡L. H. Marlatt, *Field Agt. in Cheese Prod. (Coop. U. S. D. A.).*
*F. E. Mitchell, B. S., *Instr. Poultry Husb.*
*W. S. Rice, B. S., *Assoc. Prof. An. Husb.*

Botany: *J. M. Reade, Ph. D., *Prof. Bot.*

Chemistry: *L. M. Carter, B. S., *Prof. Soil Chem.*
‡W. O. Collins, B. S., *Assoc. Prof. Soil Chem.*
‡G. N. Fuller, B. S., *Soil Specialist in State Survey.*
‡M. W. Lowry, M. A., *Assoc. Prof. Soil Chem.*
*R. M. Soule, B. S., *Assoc. Prof. Agr. Chem.*
*H. C. White, Ph. D., Sc. D., *Prof. Chem.*
*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*
*R. C. Wilson, Ph. G., *Prof. Pharm. and Materia Medica.*

Economics (Agr.): ‡M. C. Gay, B. S., *Market Specialist.*
‡E. C. Westbrook, B. S., *Farm Mgt. Specialist.*

Education (Agr.): *J. T. Wheeler, B. S., *Prof. Agr. Ed.*
*W. W. Reitz, M. S., *Assoc. Prof. Agr. Ed.*
*Epsie Campbell, B. S., *Supvr. Voc. Home Econ.*
*P. W. Chapman, B. S., *State Supvr. Voc. Agr. Ed.*
*M. D. Mobley, B. S., *in charge Practice School.*
*L. M. Sheffer, B. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): *‡S. P. Lyle, M. S. A. E., *Prof. Agr. Engin.*
‡W. E. Broach, B. S., *Field Agt. in Agr. Engin.*
*W. A. Clegg, B. S., *Assoc. Prof. Agr. Engin.*
*L. E. Fitch, B. S., *Adjunct Prof. Agr. Engin.*

Extension (Admin.): [1] Director Campbell *in charge.*
‡J. K. Giles, B. S., *Asst. Dir.*
‡J. G. Oliver, B. S., *State Agt.*
‡Mrs. Leila R. Mize, B. S., *State Home Dem. Agt.*
‡G. V. Cunningham, B. S., *State Club Agt.*
‡Lois P. Dowdle, B. S., *State Club Agt.*
‡Laura E. Blackshear, *Illustrator and in charge Educational Exhibits.*
‡William Bradford, A. B., M. D., *Asst. State Club Agt.*

Forestry: *T. D. Burleigh, M. S., *Assoc. Prof. For.*
‡DuPre Barrett, B. S., *Field Agt. in For.*
*L. E. Sawyer, B. S., *Instr. For.*

Home Economics: *‡Mary E. Creswell, B. S., *Dir. of Home Econ.*
*Susie Burson, B. S., *Instr. Home Econ.*
‡Matilda Callaway, B. S., *Food and Nutr. Specialist.*
*Edith V. Creswell, B. S., *Instr. Home Econ.*
‡Susan J. Mathews, B. S., *Food and Nutr. Specialist.*
*Catherine Newton, M. S., *Assoc. Prof. Foods and Cookery.*
*Rosalie V. Rathbone, B. S., *Assoc. Prof. Textiles and Clothing.*
*Rhea C. Scott, B. S., *Assoc. Prof. Institutiona Mgt.*

Horticulture: *‡T. H. McHatton, D. Sc., M. H., *Prof. Hort.*
‡G. H. Firor, B. S., *Field Agt. in Hort.*
‡H. W. Harvey, B. S., *Landsc. Gard. Specialist.*
*J. W. Howard, B. S., *Adjunct Prof. Hort.*
*R. L. Keener, B. S., *Assoc. Prof. Hort.*
‡H. M. McKay, B. S., *Field Agt. in Hort.*

Veterinary Medicine: *A. G. G. Richardson, D. V. M., *Prof. Vet. Med.*
*W. C. Burkhart, D. V. M., *Assoc. Prof. Vet. Med.*
*R. W. Jones, D. V. M., *Assoc. Prof. Vet. Med.*
*W. F. McLendon, D. V. M., *Instr. Vet. Med.*
*H. V. Persells, D. V. M., *Assoc. Prof. Vet. Med.*
*J. E. Severin, D. V. M., *Assoc. Prof. Vet. Med.*

Miscellaneous:
*Nelle M. Reese, *Libr.*
*‡C. W. Summerour, B. S., *Editor.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Georgia Experiment Station, *Experiment* (telegraph and express address, *Griffin*)

†Station staff

†H. P. Stuckey, B. S., *Director. Hort.*

†R. P. Bledsoe, M. S., *Agron.*
†F. R. Edwards, M. S., *An. Husb.*
†B. B. Higgins, Ph. D., *Bot., Plant Path.*
†F. H. Smith, B. S., *Chem.*
†Naomi Chapman, M. S., *Asst. Bot., Plant Path.*
†W. A. Morgan, B. S., *Asst. Chem.*
†R. G. Shands, B. S., *Asst. Agron.*
†J. G. Woodroof, B. S., *Asst. Hort.*

Georgia Coastal Plain Experiment Station, *Tifton*

†Station staff

†S. H. Starr, B. S., *Director*

†Fred Bell, *Farm Supt.*
†W. J. Davis, B. S., *Agron.*
†Otis Woodard, B. S., *Hort.*
†J. C. Hart, B. S., *Tobacco Specialist (Coop. U. S. D. A.).*

Georgia State Industrial College for Colored Youths, University of Georgia, *Savannah*

*Agricultural faculty. ‡Extension staff

*C. G. Wiley, A. M., *President*

*J. W. Derrick, *Farm Supt.*
*J. S. Frazier, *Instr. Dairying and Poultry.*
*H. E. Hall, *Instr. Voc. Agr.*
*Howard Jackson, *Instr. Laundering.*
‡P. H. Stone, *Asst. State Agt.*
‡A. Tabor, *Instr. Teacher Training.*
‡Camilla Weems, *State Home Dem. Agt.*
*Mrs. W. P. White, *Instr. Sewing.*
‡E. A. Williams, *State Agent.*
*Mrs. Mamie Williams, *Instr. Dom. Sci.*

GUAM

Agricultural Experiment Station, *Guam, Island of Guam*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†C. W. Edwards, B. S., *Director*

†F. B. L. Guerrero, *Asst. in Poultry Husb.*
†Joaquin Guerrero, *Asst. in Hort.*
†Peter Nelson, *Admin. Assistant.*
†S. R. Vandenberg, B. S., *Ent.*

HAWAII

University of Hawaii (Divisions of Agriculture and Home Economics), *Honolulu*

*College faculty

*A. L. Dean, Ph. D., *President of University*
*A. R. Keller, C. E., M. S., *Dean Coll. of Applied Sci.*

*H. F. Bergman, Ph. D., *Prof. Bot.*
*Minnie E. Chipman, *Prof. Household Art.*
*D. L. Crawford, M. A., *Prof. Ent.*
*Anna von B. Dahl, *Asst. Prof. Textiles.*
*F. T. Dillingham, M. A., *Prof. Chem.*
*C. H. Edmondson, Ph. D., *Prof. Zool. and Dir. Marine Biol. Lab.*
*Giichi Fujimoto, M. S., *Instr. Chem.*
*Clara F. Hemenway, *Libr.*
*L. A. Henke, M. S., *Prof. Agr.*
*Paul Kirkpatrick, Ph. D., *Prof. Phys.*
*H. D. Kirschman, M. S., *Instr. Chem.*
*F. G. Krauss, D. Sc., *Prof. Agron. and Genetics.*
*W. R. McAllep, *Lect. on Sugar Tech.*
*Carey D. Miller, M. S., *Asst. Prof. Household Sci.*
*J. M. Ostergaard, *Asst. in Zool.*
*Robert Pahau, B. S., *Supt. Waiakea Farm, P. O., Hilo.*
*H. S. Palmer, Ph. D., *Prof. Geol.*
*C. P. Sideris, Ph. D., *Asst. Prof. Bot.*
*Richard Wrenshall, Ph. D., *Prof. Chem.*

Agricultural Experiment Station, *Honolulu*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff. ‡Extension work

†J. M. Westgate, M. S., *Director*

†H. L. Chung, M. S., *Agron.*
‡R. A. Goff, B. S., *Ext. Agt. for Island of Hawaii (P. O., Hilo).*
‡Mabel Greene, *Ext. Agt. in Club Work.*
†W. T. Pope, M. S., *Hort.*
†J. C. Ripperton, M. S., *Chem.*

Experiment Station, Hawaiian Sugar Planters' Association, *Honolulu*

†Station staff

†H. P. Agee, B. S., *Director*

†C. C. Barnum, B. S., *Asst. Path.*
†T. K. Beveridge, B. S., *Asst. Agr.*
†F. W. Broadbent, *Asst. Agr.*
†A. Brodie, M. A. S., *Tech. Chem.*
†L. W. Bryan, B. S., *For. Supvr. (Hilo Project).*
†Raymond Conant, *Asst. Agr.*
†H. A. Cook, A. B., *Asst. Chem.*
†C. L. Crutchfield, *Asst. Chem.*
†F. C. Denison, *Asst. Agr.*
†Allister Forbes, *Asst. Agr.*
†Donald Forbes, *Supt. Vineyard Street Nursery.*
†Fred Hansson, Ph. B., *Asst. Chem.*
†W. C. Jennings, *Asst. Agr.*
†R. H. King, B. S., *Asst. Chem.*
†Y. Kutsunai, B. S., *Asst. Agr.*
†H. A. Lee, *Plant Path.*
†H. L. Lyon, Ph. D., *in charge Dept. of Bot. and For.*
†W. R. McAllep, *Sugar Tech.*
†W. L. McCleery, *Asst. Sugar Tech.*
†G. A. McEldowney, *For. Supvr. (Oahu Project).*
†W. T. McGeorge, M. S., *Assoc. Chem.*
†O. C. Markwell, M. S., *Asst. Agr.*
†J. P. Martin, B. S., *Asst. Plant Path.*
†F. Muir, *Ent.*
†H. T. Osborn, M. A., *Asst. Ent.*
†F. A. Paris, A. E., *Asst. Agr.*
†C. E. Pemberton, *Asst. Ent.*
†R. C. L. Perkins, D. Sc., *Consult. Ent.*
†Twigg Smith, *Illustrator.*
†W. E. Smith, *Asst. Sugar Tech.*
†H. K. Stender, B. S., *Asst. Agr.*
†G. R. Stewart, B. S., *Chem.*
†O. H. Swezey, M. S., *Ent.*
†F. R. Van Brocklin, B. Ch., *Asst. Chem.*
†R. H. Van Zwaluwenburg, B. S., *Asst. Ent.*
†J. A. Verret, B. S., *Agr.*
†Neil Webster, *Asst. Agr.*
†J. A. H. Wilder, A. B., *Asst. Agr.*
†F. X. Williams, Sc. D., *Asst. Ent.*

IDAHO

College of Agriculture and the Agricultural Experiment Station of the University of Idaho, *Moscow*

*College faculty. †Station staff. ‡Extension staff

*A. H. Upham, Ph. D., *President of University.*
*†‡E. J. Iddings, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*

Agronomy: *†H. W. Hulbert, M. S., *Assoc. Prof. Agron.; Agron.*
†‡C. B. Ahlson, B. S., *Field Agron. and Seed Comr. (P. O., Boise).*
†‡Jessie C. Ayres, A. B., *State Seed Analyst (P. O., Boise).*
*†F. L. Burkart, *Field Supt., Dept. of Agron.*
*†G. R. McDole, M. A., *Assoc. Prof. Agron.; Soil Tech.*
‡R. L. Spangler, B. S., *Field Asst. in Agron. (P. O., Boise).*

Animal Industry: *†C. W. Hickman, B. S., *Prof. An. Husb.; An. Husb.*
*†F. W. Atkeson, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†R. T. Parkhurst, B. S., *Assoc. Prof. Poultry Husb.; Poultry Husb.*

Animal Industry—Continued.
*†G. C. Anderson, B. S., *Instr. and Asst. in Dairy Husb.*
*†H. A. Bendixen, M. S., *Assoc. Prof. Dairy Mfrs.; Assoc. Dairy Husb.*
‡D. L. Fourt, B. S., *Field Dairyman (P. O., Boise).*
‡Pren Moore, *Poultry Specialist (P. O., Boise).*
*†J. E. Nordby, M. S., *Assoc. Prof. and Asst. An. Husb.*
†‡E. F. Rinehart, B. S., *Asst. and Field An. Husb. (P. O., Boise).*

Bacteriology: *†W. M. Gibbs, Ph. D., *Prof. Bact.; Bact.*
†C. C. Prouty, M. S., *Asst. Bact.*

Botany: *F. W. Gail, Ph. D., *Prof. Bot.; Bot.*
*Lois Clark, Ph. D., *Asst. Prof. Bot.*

Chemistry: *†R. E. Neidig, M. S., *Prof. Agr. Chem.; Chem.*
*E. J. Baldwin, M. S., *Asst. Prof. Chem.*
†W. B. Bollen, Ph. D., *Asst. Agr. Chem.*
*L. C. Cady, B. S., *Instr. Chem.*
*D. D. DuSault, B. S., *Asst. in Chem.*
*J. A. Kostalek, Ph. D., *Prof. Org. Chem.*
*S. J. Kroh, B. S., *Asst. Prof. Chem.*
†H. P. Magnuson, M. S., *Asst. Soil Chem.*
*†R. S. Snyder, M. S., *Asst. Prof. Agr. Chem.; Assoc. Chem.*
*C. L. von Ende, Ph. D., *Prof. Chem.*

Education (Agr.): *F. E. Armstrong, M. S., *Assoc. Prof. Agr. Ed. and Prin. School of Pract. Agr.*
*H. E. Lattig, B. S., *Supvr. Pract. Teaching in Agr.*

Engineering (Agr.): *†M. R. Lewis, B. S., *Assoc. Prof. Agr. Engin.; Irrig. Engin.*
*‡Hobart Beresford, B. S. A. E., *Instr. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.): [1] Director Iddings *in charge.*
‡A. W. B. Kjosness, B. S., *County Agt. Leader (P. O., Boise).*
‡Marion M. Hepworth, B. S., *State Home Dem. Leader and Nutr. Specialist (P. O., Boise).*
‡J. H. Rearden, B. S., *State Club Leader.*

Forestry: *†F. G. Miller, M. F., *Dean School of For.*
*H. I. Nettleton, B. S. F., *Instr. For.*
*Henry Schmitz, Ph. D., *Prof. For. Products.*
*C. W. Watson, M. F., *Asst. Prof. Silviculture.*

Home Economics: [2] *Katherine Jensen, M. S., *Prof. Home Econ., Dir. Home Econ. Curriculum.*
*Ada E. Johnson, B. S., *Asst. Prof. Home Econ.*
*Adah Lewis, M. S., *Assoc. Prof. Home Econ.*

Home Economics—Continued.
*Jessie B. Thornber, B. S., *Supvr. Pract. Teaching in Home Econ.*
*Grace Zudreele, B. S., *Asst. Prof. Art and Design.*

Horticulture: *†C. C. Vincent, M. S., *Prof. Hort.; Hort.*
‡E. R. Bennett, M. H., *Field Hort. (P. O., Boise).*
*†L. E. Longley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†C. V. Schrack, B. S., *Gardener.*

Plant Pathology: *†C. W. Hungerford, Ph. D., *Prof. Plant Path.; Plant Path. (Coop. U. S. D. A.).*
†J. M. Raeder, M. S., *Asst. Plant Path. (Coop. U. S. D. A.).*

Veterinary Science: *†B. L. Taylor, D. V. M., *Instr. and Asst. in Vet. Sci.*

Zoology and Entomology: *J. E. Wodsedalek, Ph. D., *Prof. Zool.*
‡W. E. Crouch, B. S., *Rodent Control Specialist (P. O., Boise).*
*R. A. Muttkowski, Ph. D., *Assoc. Prof. Vertebrate Zool.*
††Claude Wakeland, B. S., *Ent. (P. O., Parma).*
*‡F. E. Whitehead, M. S., *Assoc. Prof. Ent. (P. O., Parma).*

Miscellaneous:
*††Grace L. Bennett, *Executive Secy.*
*E. F. Mason, B. Lit., *Dir. of Pubs.*
*†Mary B. Sweet, B. L. S., *Instr. Libr. Sci.; Libr.*

Substations:
Aberdeen—A. E. McClymonds, B. S., *Supt.*
Caldwell—D. A. Stubblefield, *Supt.*
Felt (High Altitude)—W. A. Moss, B. S., *Supt.*
Sandpoint—J. H. Christ, M. S., *Supt.*

ILLINOIS

College of Agriculture and the Agricultural Experiment Station of the University of Illinois, *Urbana*

*College faculty. †Station staff. ‡Extension staff

*David Kinley, Ph. D., LL. D., *President of University*
*††H. W. Mumford, B. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service. Prof. An. Husb.*
†Anna C. Glover, *Secy. and Mgr. of Pubs.*
†Helen Peffer, A. B., *Editorial Asst.*

Agronomy: *†W. L. Burlison, Ph. D., *Head of Dept. Prof. and Chief in Crop Prod.*
†Lilburn Allen, B. S., *Asst. in Soil Survey Anal.*
†J. C. Anderson, B. S., *First Asst. in Soil Fert.*
†C. J. Badger, B. S., *Asst. in Soil Survey Expt. Fields.*
††F. C. Bauer, Ph. D., *Prof. Soils Ext., Chief in Soil Expt. Fields.*
†R. H. Bray, B. S., *First Asst. in Soil Survey Anal.*
*†B. B. Clark, B. S., *Asst. in Soil Survey Mapping and Soil Phys.*
*†F. M. Clark, B. S., *Asst. in Soil Fert.*
†R. G. Crammond, B. S., *Asst. in Soil Survey Mapping.*
*†F. H. Crane, B. S., *Instr. and First Asst. in Soil Fert.*

Agronomy—Continued.
*†E. E. DeTurk, Ph. D., *Assoc. Prof. and Assoc. Chief in Soil Tech. In charge Anal. of Soil Survey.*
†O. I. Ellis, B. S., *Asst. Chief in Soil Survey Mapping.*
†A. A. Endres, B. S., *Asst. in Soil Survey Mapping.*
*††J. C. Hackleman, A. M., *Prof. and Chief in Crops Ext.*
*†M. B. Harland, B. S., *Instr. and First Asst. in Soil Phys.*
†M. A. Hein, B. S., *First Asst. in Soil Survey Expt. Fields.*
†C. F. Hottes, Ph. D., *Consult. Plant Physiol.*
†A. H. Karraker, B. S., *Assoc. in Soil Survey Expt. Fields.*
†Benjamin Koehler, M. S., *Assoc. Crop Path.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in College of Letters and Science.

Agronomy—Continued.

†John Lamb, jr., B. S., *Assoc. in Soil Survey Expt. Fields.*

†A. L. Lang, B. S., *Asst. in Soil Survey Expt. Fields.*

‡C. M. Linsley, B. S., *Assoc. in Soils Ext.*

*†H. A. Lunt, M. S., *Asst. in Soil Fert.*

†E. A. Norton, B. S., *First Asst. in Soil Survey Mapping.*

*†N. A. Pettinger, M. S., *Asst. in Crop Prod.*

*†J. J. Pieper, M. S., *Asst. Prof. and Asst. Chief in Crop Prod.*

*†T. E. Richmond, M. S., *Assoc. in Soil Biol.*

*†O. H. Sears, M. S., *Asst. Prof. and Asst. Chief in Soil Biol.*

†E. G. Sieveking, A. M., *Asst. in Soil Survey Anal.*

†L. H. Smith, Ph. D., *Chief in charge Pubs. of Soil Survey.*

*†R. S. Smith, Ph. D., *Assoc. Prof. and Assoc. Chief in Soil Phys., in charge Identification and Mapping of Soil Types.*

†H. J. Snider, M. S., *Asst. Chief in Soil Expt. Fields.*

†V. E. Spencer, B. S., *First Asst. in Soil Fert.*

†R. W. Stark, M. S., *Assoc. in Crop Prod.*

*†R. S. Stauffer, B. S., *Instr. Soil Phys.; First Asst. in Soil Survey Mapping.*

*W. R. Tascher, B. S., *Asst. in Crop Prod.*

†A. U. Thor, B. S., *Asst. in Soil Survey Expt. Fields.*

*†D. C. Wimer, B. S., *Asst. Prof. and Asst. Chief in Soil Phys.*

*†F. L. Winter, M. S., *Asst. in Plant Brdg.*

*†C. M. Woodworth, Ph. D., *Assoc. Prof. and Assoc. Chief in Plant Brdg.*

Animal Husbandry: *†H. P. Rusk, M. S., *Head of Dept. Prof. and Chief in Beef Cattle Husb.*

†Jessie R. Beadles, B. S., *Asst. in An. Nutr.*

*†I. B. Boughton, D. V. M., *Asst. Prof. and Asst. Chief in An. Path.*

*†Sleeter Bull, M. S., *Assoc. Prof. An. Husb.; Assoc. Chief in Meats.*

*†L. E. Card, Ph. D., *Prof. and Chief in Poultry Husb.*

*†G. G. Carman, B. S., *Asst. in An. Nutr.*

*†W. E. Carroll, Ph. D., *Prof. and Chief in Swine Husb.*

*†C. W. Crawford, B. S., *Assoc. in An. Husb.*

*†J. L. Edmonds, B. S., *Prof. and Chief, Horse Husb.*

*†H. S. Grindley, Sc. D., *Prof. and Chief in An. Nutr.*

*†T. S. Hamilton, M. S., *Instr. and First Asst. in An. Nutr.*

*†W. G. Kammlade, M. S., *Asst. Prof. and Asst. Chief in Sheep Husb.*

†Mary H. Keith, M. A., *First Asst. in An. Nutr.*

*†J. H. Knox, M. S., *Instr. and Asst. in An. Husb.*

*†R. J. Laible, B. S., *Instr. and First Asst. in An. Husb.*

*†A. K. Mackey, M. S., *Instr. and First Asst. in An. Husb.*

*†H. H. Mitchell, Ph. D., *Assoc. Prof. and Assoc. Chief in An. Nutr.*

Animal Husbandry—Continued.

*‡E. T. Robbins, M. S., *Asst. Prof. and Specialist in An. Husb.*

*†Elmer Roberts, Ph. D., *Asst. Prof. and Asst. Chief in An. Brdg.*

*†R. R. Snapp, M. S., *Asst. Prof. An. Husb.; Asst. Chief in Beef Cattle Husb.*

*†E. A. Tunnicliff, D. V. M., M. S., *Instr. and First Asst. in An. Path.*

‡John Vandervort, jr., B. S., *Poultry Specialist.*

Dairy Husbandry: *†H. A. Ruehe, Ph. D., *Head of Dept. Prof. and Chief, Dairy Mfrs.*

*†A. S. Ambrose, M. S., *Asst. Prof. and Asst. Chief in Dairy Mfrs.*

*†J. M. Brannon, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Bact.*

*†M. H. Campbell, M. S., *Assoc. in Dairy Husb.*

*†F. A. Davidson, M. S., *Instr. and First Asst. in Dairy Husb.*

*W. J. Fraser, M. S., *Prof. Dairy Farming.*

*†W. L. Gaines, Ph. D., *Prof. and Chief in Milk Prod.*

†H. F. Hall, B. S., *First Asst. in Dairy Econ.*

‡H. E. Jamison, B. S., *Asst. in Dairy Husb. Ext.*

*†W. B. Nevens, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Cattle Feeding.*

*†O. R. Overman, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Chem.*

*†M. J. Prucha, Ph. D., *Prof. and Chief in Dairy Bact.*

†‡C. S. Rhode, B. S., *Asst. Prof. and Asst. Chief in Dairy Husb. Ext.*

*F. P. Sanmann, M. S., *Instr. Dairy Chem.*

*†B. A. Stiritz, M. S., *Assoc. in Dairy Mfrs.*

*†P. H. Tracy, M. S., *Instr. and First Asst. in Dairy Mfrs.*

*†W. W. Yapp, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Cattle.*

Education (Agr.):[1] *A. W. Nolan, Ph. D., *Assoc. Prof. Agr. Ed.*

*C. S. Anderson, B. S., *Instr. Agr. Ed.*

*B. C. Lawson, B. S., *Instr. Agr. Ed.*

*Anna B. Robinson, B. S., *Assoc. in Home Econ. Ed.*

*L. L. Scranton, B. S., *Instr. Agr. Ed.*

*Asia E. Todd, B. S., *Assoc. in Home Econ. Ed.*

Extension (Coop.):[2] Director Mumford *in charge.*

†‡W. H. Smith, M. S., *State Leader of Farm Advisers. Assoc. Prof. and Assoc. Chief in An. Husb. Ext.*

‡Kathryn G. Van Aken, A. B., *State Home Dem. Leader.*

‡Lucile Allen, B. S., *Asst. State Home Dem. Leader.*

‡J. D. Bilsborrow, B. S., *Asst. State Leader Farm Advisers.*

‡C. E. Gates, B. S., *Asst. in Junior Club Work.*

‡F. J. Keilholz, B. S., *Editor.*

‡E. I. Pilchard, B. S., *Specialist in Junior Club Work and An. Husb.*

‡Emma E. Sparks, Ph. B., *Asst. State Home Dem. Leader.*

‡J. C. Spitler, B. S., *Asst. State Leader Farm Advisers.*

‡Vernon Vaulman, B. S., *Asst. State Leader Farm Advisers.*

[1] Given in College of Education.

[2] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Extension (Coll.): *‡F. H. Rankin, B. S., *Asst. Dean of Coll., Supt. of Agr. Coll. Ext.*
*‡R. E. Hieronymus, A. M., LL. D., *Community Adviser.*
*‡W. H. Young, *Assoc. in Agr. Coll. Ext.*

Farm Mechanics: *†E. W. Lehmann, E. E., A. E., *Head of Dept.*
*†I. P. Blauser, B. S., *Asst. in Farm Mech.*
*W. A. Foster, Arch. E., *Asst. Prof. Rural Arch.*
*‡F. P. Hanson, B. S., *Assoc. and Specialist in Farm Mech.*
*†R. C. Kelleher, B. S., *Asst. in Farm Mech.*
*†R. I. Shawl, M. S., *Asst. Prof. and Asst. Chief in Farm Mech.*
*†A. L. Young, M. S., *Instr. and First Asst. in Farm Mech.*

Farm Organization and Management:
*†——— ———, *Head of Dept.*
*†H. C. M. Case, M. S., *Asst. Prof. and Asst. Chief in Farm Organ. and Mgt.*
†H. A. Berg, B. S., *Asst. in Farm Organ. and Mgt.*
*†C. A. Bonnen, M. S., *Assoc. in Farm Organ. and Mgt.*
*†F. F. Elliott, M. S., *Assoc. in Farm Organ. and Mgt.*
‡M. L. Mosher, B. S., *Assoc. in Farm Mgt. Ext.*
†‡K. H. Myers, B. S., *Asst. in Farm Organ. and Mgt.*
†Lena C. Rhue, B. S., *Asst. in Farm Organ. and Mgt.*
*†R. C. Ross, B. S., *Asst. in Farm Organ. and Mgt.*
†Dee Small, B. S., *Asst. in Farm Organ. and Mgt.*
†Orion Ulrey, B. S., *Asst. in Farm Organ. and Mgt.*
†K. T. Wright, B. S., *Field Asst. in Dairy Cost Accounting.*

Home Economics: *‡Ruth A. Wardall, A. M., *Head of Dept., Vice Dir. of Home Econ. Ext.*
*Helen L. Agar, B. S., *Asst. in Clothing.*
*Eda M. Atwood, B. S., *Asst. in Foods.*
*Irene M. Barnes, B. S., *Instr. Costume Design.*
*Harriet T. Barto, A. M., *Asst. Prof. Dietetics.*
*Lyda B. Burford, B. S., *Assoc. in Home Econ., Dir. of Cafeteria.*
*Nathalie K. Fitch, M. A., *Instr. Foods.*
*Carlotta M. Ford, M. A., *Assoc. in Home Mgt.*
*Eda A. Jacobsen, M. A., *Asst. Prof. Clothing.*
*Carolyn Lindquist, B. S., *Lab. Asst. in Nutr.*
*Helen E. McCullough, M. A., *Instr. Textiles.*
*Laura A. Moore, B. S., *Asst. in Cafeteria.*

Home Economics—Continued.
*Mildred R. Tackaberry, B. S., *Instr. Foods.*
*Emma R. Tucker, B. S., *Lab. Asst. in Dietetics.*
*Emma L. Wardell, M. S., *Asst. Prof. Nutr.*
*Virginia H. Weaver, M. A., *Assoc. in Home Decoration.*
*Mary S. Wenger, M. S., *Instr. Nutr.*
*Mary C. Whitlock, M. A., *Assoc. in Clothing.*
‡Grace B. Armstrong, A. M., *Foods and Nutr. Specialist.*
‡Edna R. Gray, B. S., *Clothing Specialist.*
‡Vinnie E. Marshall, Ph. D., *Junior Club Specialist.*
‡Annie L. Maxwell, B. S., *Home Furnishings Specialist.*
‡Mary A. Souder, B. S., *Home Mgt. Specialist.*
‡Nathalie Vasold, B S., *Junior Club Specialist.*

Horticulture: *†J. C. Blair, Sc. D., *Head of Dept.*
*†H. W. Anderson, Ph. D., *Asst. Prof. and Asst. Chief in Pomol. Path.*
*Harland Bartholomew, C. E., *Asst. Prof. Civic Design.*
‡W. S. Brock, B. S., *Asst. Prof. Hort. Ext.*
*†F. E. Carver, B. S., *Instr. and First Asst. in Pomol.*
*†A. S. Colby, Ph. D., *Assoc. Prof. and Assoc. Chief in Pomol.*
*†C. S. Crandall, M. S., *Prof. Pomol.; Chief in Plant Brdg.*
*†H. B. Dorner, M. S., *Prof. and Chief in Flor.*
†G. E. Fager, B. S., *Assoc. in Plant Brdg.*
†M. C. Gillis, Ph. D., *Research Asst. in Oler.*
*†S. W. Hall, B. S., *Asst. Prof. and Asst. Chief in Flor.*
*†W. A. Huelsen, B. S., *Assoc. in Oler.*
†James Hutchinson, *Assoc. in Flor.*
*†V. W. Kelley, M. S., *Assoc. in Pomol.*
†L. A. Koritz, B. S., *Research Asst. in Oler.*
†E. P. Lewis, M. S., *Assoc. in Oler (P. O., Des Plaines).*
*†J. W. Lloyd, Ph. D., *Prof. and Chief in Oler.*
*K. B. Lohmann, M. L. A., *Assoc. Prof. Landsc. Gard.*
*May E. McAdams, B. S., *Assoc. in Landsc. Gard.*
*L. I. Peterson, B. S., *Assoc. in Landsc. Gard.*
*†W. A. Ruth, Ph. D., *Asst. Prof. and Asst. Chief in Pomol. Physiol.*
*†C. B. Sayre, M. S., *Asst. Prof. and Asst. Chief in Oler.*
*O. G. Schaffer, B. S., *Assoc. in Landsc. Gard.*
*†A. C. Vogele, M. S., *Assoc. in Pomol.*
*†F. F. Weinard, Ph. D., *Assoc. in Flor. Physiol.*
*S. H. White, M. L. A., *Asst. Prof. Landsc Gard.*

Miscellaneous:
*†Mary G. Burwash, B. L. S., *Libr.*

INDIANA

Purdue University (the School of Agriculture, the Agricultural Experiment Station, and the Departments of Home Economics and Agricultural Extension), *La Fayette*

*College faculty. †Station staff. ‡Extension staff

*E. C. Elliott, Ph. D., *President of University*
*†J. H. Skinner, B. S., *Dean School of Agr.*
†‡G. I. Christie, B. S., *Dir. of Sta., Dir. Dept. of Agr. Ext.*

Agronomy: *†M. L. Fisher, M. S., *Head of Dept. Asst. Dean School of Agr.; Asst. Chief in Soils and Crops.*
†H. J. Reed. *Farm Dir. and Asst. Dir. of Sta.*
*†A. T. Wiancko, B. S., *Prof. of Agron.; Chief in Soils and Crops.*
†H. R. Adams, M. S., *Asst. in Soil Survey.*
‡K. E. Beeson, B. S., *Asst. in Soils and Crops.*
†T. M. Bushnell, B. S., *Assoc. in Soil Survey.*
*Charles Davis, B. S., *Instr. Soils and Crops.*
*‡W. C. Latta, M. S., *Prof. Agr., Consult. Specialist in Ext.*
†R. R. Mulvey, B. S., *Asst. in Soils and Crops.*
‡M. O. Pence, B. S., *Assoc. in Soils and Crops.*
†M. J. Plice, B. S., *Asst. in Soils and Crops.*
*F. E. Robbins, M. S., *Assoc. Prof. Crop Prod.*
*J. P. Seaton, B. S., *Instr. Soils.*
†C. S. Simmons, B. S., *Asst. in Soil Survey.*
†G. P. Walker, B. S., *Assoc. in Soils.*
*R. C. E. Wallace, B. S., *Prof. Soils.*

Animal Husbandry: Dean Skinner *in charge.*
*†‡A. G. Philips, B. S., *Prof. in charge Poultry Husb.*
†F. G. King, B. S., *Asst. Chief in An. Husb.*
*†F. D. Brooks, B. S., *Instr. and Asst. in Poultry Husb.*
†C. W. Carrick, Ph. D., *Assoc. in Poultry Husb.*
*†R. B. Cooley, B. S., *Asst. Prof. An. Husb.; Secy. Stallion Enrollment Board.*
‡H. W. Fitting, B. S., *Asst. in Poultry Husb*
*C. F. Gobble, M. Agr., *Assoc. Prof. An. Husb.*
‡Claude Harper, M. S., *Assoc. in An. Husb.*
‡L. L. Jones, B. S., *Assoc. in Poultry Husb.*
*R. L. McCally, B. S., *Instr. An. Husb.*
*B. E. Pontius, M. S., *Asst. Prof. An. Husb.*
‡P. G. Riley, B. S., *Asst. in Poultry Ext.*
‡J. W. Schwab, B. S., *Assoc. in An. Husb.*
*†L. H. Schwartz, B. S., *Assoc. Prof. and Asst Poultry Husb.*
*W. W. Smith, M. S., M. Agr., *Prof. An. Husb.*
†C. M. Vestal, B. S., *Assoc. in An. Husb.*
‡J. R. Wiley, B. S., *Asst. in An. Husb.*

Biology: *Stanley Coulter, Ph. D., LL. D., *in charge.*
*Agnes W. Ayres, M. S., *Asst. in Biol.*
*I. L. Baldwin, M. S., *Asst. Prof. Bact.*
*C. A. Behrens, Ph. D., *Prof. Bact.*
*D. H. Dunham, M. S., *Instr. Biol.*
*H. E. Enders, Ph. D., *Prof. Zool. in charge Gen. Biol.*
*C. D. Goodale, B. S., *Asst. in Bact.*
*Elizabeth O. Hassenzahl, M. S., *Instr. Biol.*
*C. M. James, M. S., *Instr. Anat. and Physiol.*
*R. B. Robertson, B. S., *Asst. in Bact.*
*O. P. Terry, M. S., M. D., *Prof. Anat. and Physiol.*
*P. A. Tetrault, M. S., *Assoc. Prof. Bact.*
*G. C. Wickwire, B. S., *Asst. in Bact.*

Botany: †H. S. Jackson, A. B., *in charge.*
*E. G. Campbell, Ph. D., *Asst. Prof. Bot.*
†L. E. Compton, B. S., *Field Asst. in Plant Path. (Detailed by U. S. D. A.).*
†M. W. Gardner, Ph. D., *Assoc. in Bot.*
‡C. T. Gregory, Ph. D., *Assoc. in Bot.*
†‡A. A. Hansen, M. S., *Assoc. in Bot.*
†G. N. Hoffer, D. Sc., *Assoc. in Bot. (Coop. U. S. D. A.).*
†J. B. Kendrick, M. S., *Assoc. in Bot.*
†Jane C. Kinsella, B. S., *Sci. Asst. in Seed Lab. (Detailed by U. S. D. A.).*
*E. J. Kohl, M. S., *Instr. Bot.*
‡W. E. Leer, M. S., *State Leader of Barberry Erad.*
†E. B. Mains, Ph. D., *Assoc. in Bot. (Coop. U. S. D. A.).*
†Alice S. Patt, *Asst. Seed Analyst.*
†Edith M. Patt, *Seed Analyst.*
*C. L. Porter, Ph. D., *Asst. Prof. Plant Path. and Physiol.*
†G. M. Smith, M. S., *Asst. Path. (Detailed by U. S. D. A.).*
†Dorothy M. Thompson, B. S., *Asst. in Bot.*
†R. A. Weaver, B. S. Ch. E., *Asst. in Bot. (Coop. U. S. D. A.).*

Chemistry: *R. H. Carr, Ph. D., *Prof. Agr Chem.*
†W. C. Aitkenhead, B. S., *Deputy State Chem.*
*F. J. Allen, M. S., *Instr. Chem.*
†R. O. Bitler, B. S., *Deputy State Chem.*
*P. H. Brewer, A. B., *Instr. Agr. Chem.*
†G. G. Carter, B. S., *Insp. State Chem. Dept.*
†S. D. Conner, M. S., *Assoc. Chem. in Soils and Crops.*
†P. B. Curtis, B. S., *Deputy State Chem.*
*Eli Duncombe, M. S., *Instr. Chem.*
†J. B. Folk, B. S., *Insp. State Chem. Dept.*
†O. W. Ford, A. B., *Deputy State Chem.*
*G. K. Foresman, M. S., *Instr. Chem.*
†S. M. Hange, M. S., *Research Asst. in An. Nutr.*
*W. N. Herr, B. S., *Instr. Chem.*
†L. E. Horat, *Deputy State Chem.*
*F. J. McClure, M. S., *Instr. Chem.*
*M. G. Mellon, Ph. D., *Asst. Prof. Chem.*
*A. R. Middleton, Ph. D., *Prof. Inorg. Chem.*
†‡L. W. Moore, B. S., *Insp. State Chem. Dept.*
*R. E. Nelson, Ph. D., *Asst. Prof. Chem.*
*C. B. Pollard, M. S., *Instr. Chem.*
*†E. G. Proulx, M. S., *Prof. Agr. Chem.; State Chem. and Seed Comr.*
†O. S. Roberts, B. S., *Chief Insp. State Chem Dept.*
*L. A. Test. Ph. D., *Prof. Gen. Chem.*
†M. H. Thornton, B. S., *Deputy State Chem.*

Dairy Husbandry: *†H. W. Gregory, M. S., *in charge.*
†T. H. Binney, M. S., *Asst. in Creamery Insp.*
*K. V. Bryan, M. S., *Asst. Prof. Dairying.*
‡R. D. Canan, M. S., *Asst. in Dairy Husb.*

Dairy Husbandry—Continued.
†W. F. Epple, Ph. C., B. S., *Asst. Dairy Chem.*
*†L. H. Fairchild, B. S., *Assoc. Prof. Dairying; Assoc. in Milk Prod.*
‡E. A. Gannon, B. S., *Assoc. Dairy Husb.*
†W. G. Goss, B. S., *Asst. in Creamery Insp.*
†H. G. Hall, B. S., *Asst. in Creamery Insp.*
†V. C. Manhart, B. S., *Asst. in Dairy Mfrs.*
*†E. H. Parfitt, M. S., *Instr. Dairy Bact.; Dairy Bact.*
†‡V. D. Rhodes, B. S., *Asst. in Creamery Insp.*
*R. E. Roberts, B. S., *Instr. Dairying, Supt. of Creamery.*
†George Spitzer, Ph. G., B. S., *Assoc. in Dairy Chem.*
†J. W. Wilbur, M. S., *Asst. in Dairy Prod.*
‡G. A. Williams, M. S., *Asst. in Dairy Husb.*

Education (Agr.): *S. S. Cromer, B. S., *Prof. Agr. Ed.*
*J. R. Behr, B. S., *Asst. in Voc. Agr.*
*R. W. Gregory, M. S., *Instr. Voc. Agr. Teacher Training.*
*C. W. Hemmer, B. S., *Asst. in Voc. Agr.*
*S. B. Pershing, B. S., *Asst. in Voc. Agr.*

Engineering (Rural): *†William Aitkenhead, M. E., M. A., *Prof. Farm Mech.; Chief in Rural Engin.*
*C. C. Cunningham, B. S. C. E., *Asst. Prof. Farm Mech.*
‡T. E. Hienton, B. S., *Asst. in Agr. Engin.*
*F. C. Lewis, M. S., *Asst. Prof. Farm Mech.*
*R. B. Goss, *Instr. Farm Mech.*
†I. D. Mayer, B. S., C. E., *Asst. in Rural Engin.*

Entomology: *†J. J. Davis, B. S., *in charge.*
†C. R. Cleveland, B. S., *Asst. Ent.*
*W. A. Price, M. S., *Assoc. Prof. Ent.*
*James Troop, M. S., *Prof. Ent.*

Extension (Admin.):[1] Director Christie *in charge.*
‡T. A. Coleman, *Asst. Dir. and County Agt. Leader.*
‡Lella R. Gaddis, *State Home Dem. Leader.*
‡Z. M. Smith, A. M., *State Club Leader.*
‡E. L. Austin, B. S., *Asst. State Club Leader.*
‡W. Q. Fitch, B. S., *State Leader of Farmers Institutes.*
‡G. M. Frier, B. S., *Assoc. in charge Short Courses and Exhibits.*
‡W. F. Graham, B. S., *Asst. in Short Courses and Exhibits.*
‡M. L. Hall, B. S., *Asst. State Club Leader.*
‡Mabel L. Harlan, *Admin. Asst.*
‡L. E. Hoffman, B. S., *Asst. County Agt. Leader.*
‡T. R. Johnston, *Asst. County Agt. Leader.*
‡W. V. Kell, *Asst. County Agt. Leader.*
‡Meta E. Martin, B. S., *Asst. State Home Dem. Leader.*
‡L. S. Robertson, B. S., *State Leader in Farm Mgt. Dem.*
‡F. M. Shanklin, A. M., *Asst. State Club Leader.*
‡Neva M. Stephenson, B. S., *Asst. State Club Leader.*

Farm Management and Rural Economics:
*†O. G. Lloyd, M. S., *in charge.*
*‡O. F. Hall, A. B., S. T. B., *Assoc. Prof. Ed. Sociol., Assoc. in Rural Life Studies.*
*C. M. Maddox, B. S., *Asst. in Farm Mgt.*
†M. H. Overton, B. S., *Assoc. in Farm Mgt.*

Farm Management and Rural Economics—Continued.
*W. E. Paulson, Ph. D., *Asst. Prof. Farm Mgt. and Rural Econ.*
*†E. C. Young, Ph. D., *Assoc. Prof. Farm Mgt. and Rural Econ.; Asst. in Farm Mgt.*
†G. E. Young, B. S., *Asst. in Farm Mgt.*

Forestry: *B. N. Prentice, M. F., *Assoc. Prof. For.*

Home Economics: *Mary L. Matthews, B. S., *in charge.*
*Helen J. Basard, *Asst. in Voc. Home Econ.*
‡Aneta P. Beadle, B. S., *Asst. in Home Econ.*
*Amy I. Bloye, Ph. B., *Instr. Home Econ.*
‡Madeleine Connor, A. B., *Asst. in Home Econ.*
*Pauline H. Drollinger, M. S., *Instr. Foods.*
*Harriet J. Eakins, *Asst. in Design.*
‡Nelle K. Flaningham, *Asst. in Home Econ.*
*M. Edith Gamble, M. A., *Asst. Prof. Home Econ.*
*Mate L. Giddings, M. S., *Asst. Prof. Nutr.*
*Zoelah B. Hoffman, *Instr. Design.*
*Amy Howe, Ph. B., *Asst. Prof. Home Econ.*
*Lyla M. Iles, A. M., *Instr. Institution Econ.*
†Ruth Jordan, B. S., *Asst. in Home Econ.*
‡Mrs. Helen V. McKinley, B. S., *Asst. in Home Econ.*
*Margaret G. Mallon, M. S., *Asst. Prof. Home Econ.*
*Edith Palmer, B. S., *Asst. Prof. Home Econ.*
*Laura A. Partch, B. S., *Instr. Home Econ.*
*Gladys C. Peckinpaugh, B. S., *Asst. in Home Econ.*
*Bonnie E. Scholes, M. A., *Asst. Prof. Home Econ. Ed.*
*Marie E. Schrass, B. S., *Asst. in Home Econ.*
*Mildred M. Tingley, B. S., *Asst. in Foods.*
*Lucy W. Wade, B. S., *Instr. Textiles.*

Horticulture: *†Laurenz Greene, M. S., *in charge.*
*O. G. Anderson, B. S., *Prof. Hort.*
†C. E. Baker, B. S., *Asst. in Pomol.*
*†H. D. Brown, M. S., *Assoc. Prof. and Research Assoc. in Veg. Gard.*
‡C. L. Burkholder, B. S., *Assoc. in Hort.*
†F. P. Cullinan, B. S., *Research Assoc. in Pomol.*
‡F. C. Gaylord, B. S., *Assoc. in Hort.*
†I. C. Hoffman, M. S., *Asst. in Veg. Gard.*
*W. E. Lommel, B. S., *Assoc. Prof. Hort.*
*†V. H. Ries, M. S., *Asst. Prof. and Asst. in Flor.*
*E. C. Stair, B. S., *Instr. Hort.*

Physics: *E. S. Ferry, B. S., *in charge.*
*Elizabeth A. Mitchell, A. M., *Instr. Phys.*
*J. G. Moorhead, A. B., *Asst. in Phys.*

Veterinary Science: *†R. A. Craig, D. V. M., *in charge.*
†L. P. Doyle, B. S. *Assoc. in An. Path.*
†L. R. George, B. S., *Asst. An. Path.*
†F. P. Mathews, B. S., D. V. M., *Asst. Vet.*
*†G. H. Roberts, V. S., V. M. D., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*
†F. L. Walkey, D. V. M., *Asst. An. Path.*
*†R. A. Whiting, D. V. M., *Instr. Vet. Sci.; Assoc. in An. Path.*

Miscellaneous:
††J. C. Allen, *Photog.*
*W. M. Hepburn, M. A., B. L. S., *Libr.*

Substations:
Pinney-Purdue Farm, *P. O., Wanatah*—R. H. Bamer, *Supt.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

IOWA

Iowa State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Ames*

*College faculty. †Station staff. ‡Extension staff

*R. A. Pearson, M. S., LL. D., D. Agr., *President*
*†C. F. Curtiss, D. Sc., *Dean Div. of Agr., Dir. of Sta.*
‡R. K. Bliss, B. S., *Dir. of Agr. Ext.*

Animal and Dairy Husbandry: *†H. H. Kildee, M. S., *Head of Dept., Vice Dean of Coll.; Chief An. Husb.*
*†Earl Weaver, M. S., *Prof. and Chief in Dairy Husb.*
*†H. A. Bittenbender, B. S., *Prof. and Chief in Poultry Husb.*
*A. L. Anderson, M. S., *Assoc. Prof. An. Husb.*
*R. G. Anderson, B. S., *Instr. An. Husb.*
‡J. H. Bardsley, M. S., *Ext. Asst. Prof. Poultry Husb.*
*W. E. Beanblossom, B. S., *Instr. An. Husb.*
‡Rex Beresford, B. S., *Ext. Prof. An. Husb.*
*C. A. Burge, M. S., *Instr. An. Husb.*[1]
*†A. B. Caine, M. S., *Assoc. Prof. An. Husb.; Chief in Horse Invest.*
*†R. L. Cochran, M. S., *Asst. Prof. and Asst. Chief Poultry Husb.*
*†C. C. Culbertson, B. S., *Asst. Prof. An. Husb.; Asst. Chief in Meat Prod.*
*†Fordyce Ely, M. S., *Asst. Prof. and Asst. Chief Dairy Husb.*
*†J. M. Evvard, M. S., *Prof. An. Husb.; Chief in Swine and Beef Cattle Prod.*
‡C. B. Finley, M. S., *Ext. Prof. Dairy Prod.*
*J. G. Hammer, *Farm Supt.*
†W. E. Hammond, M. S., *Supt. An. Husb. Expts.*
‡L. E. Heifner, *Poultry Club Work.*
*†M. D. Helser, M. S., *Prof. An. Husb.; Chief in Meat Invest.*
*J. C. Holbert, B. S., *Instr. An. Husb.*
*†M. L. Jones, *Supt. Poultry Farm.*
*†C. W. Knox, M. S., *Instr. and Asst. Poultry Husb.*
*W. F. LaGrange, B. S., *Prof. An. Husb.*[1]
†A. R. Lamb, M. S., *Chief in Nutr.*
‡W. H. Lapp, M. S., *Ext. Prof. Poultry Husb.*
‡C. W. McDonald, M. S., *Ext. Assoc. Prof. An. Husb.*
‡W. S. Nussbaum, B. S., *Ext. Asst. in Poultry Husb.*
‡B. S. Oderkirk, M. S., *Ext. Asst. Prof. Dairy Prod.*
‡E. L. Quaife, B. S., *Ext. Assoc. Prof. An. Husb.*
‡E. J. Rood, *Ext. Asst. in Poultry Husb.*
*†J. M. Shaw, M. S., *Instr. and Asst. Chief Dairy Husb.*
*†P. S. Shearer, B. S., *Prof. An. Husb.; Chief in An. Brdg.*
‡R. W. Snyder, M. S., *Ext. Asst. in An. Husb.*
‡J. N. Spencer, *Ext. Asst. in Dairy Prod.*
*R. S. Stephenson, M. S., *Assoc. Prof. An. Husb.*
*†David Taylor, B. S., *Dairy Cattle Herdsman.*
*W. M. Vernon, M. S., *Instr. Poultry Husb.*[1]
†Q. W. Wallace, M. S., *Asst. in An. Husb.*

[1] Noncollegiate course.

Bacteriology: *†R. E. Buchanan, Ph. D., *Head of Dept. and Dean of Grad. Coll.; Chief Bact.*
*Clarissa M. Clark, B. S., *Instr. Bact.*
*Max Levine, Ph. D., *Assoc. Prof. Bact.*
*J. C. Weldin, M. S., *Instr. Bact.*

Botany and Plant Pathology: *†L. H. Pammel, Ph. D., *Head of Dept.; Chief Bot.*
*†I. E. Melhus, Ph. D., *Prof. and Chief in Plant Path.*
*†A. L. Bakke, Ph. D., *Assoc. Prof. Plant Physiol.; Asst. Bot.*
*E. F. Castetter, Ph. D., *Asst. Prof. Bot.*
*R. I. Cratty, *Curator.*
†O. H. Elmer, Ph. D. *Asst. Plant Path.*
*V. C. Fisk, B. S., *Instr. Bot.*
*J. C. Gilman, Ph. D., *Assoc. Prof. Plant Path*
*Ada Hayden, Ph. D., *Asst. Prof. Bot.*
†Charlotte M. King, *Asst. Chief Bot.*
*†J. N. Martin, Ph. D., *Prof. and Asst. Bot.*
*R. G. Reeves, M. S., *Instr. Bot.*
*C. F. Rogers, A. G., *Instr. Plant Physiol.*
†Frank Van Haltern, B. S., *Field Asst. in Plant Path.*

Chemistry: *W. F. Coover, A. M., *Head of Dept.*
†W. G. Gaessler, M. S., *Actg. Chief Chem.*
*L. T. Anderegg; Ph. D., *Asst. Prof. Chem.*[1]
*F. E. Brown, Ph. D., *Prof. Gen. and Inorg. Chem.*
*J. H. Buchanan, M. S., *Assoc. Prof. Food and Sanitary Chem.*
*J. A. Burrows, M. S., *Instr. Chem.*
*O. W. Chapman, M. S., *Instr. Chem.*
*N. A. Clark, Ph. D., *Asst. Prof. Soils Chem.*
*W. W. Duecker, B. S., *Instr. Chem.*
*E. I. Fulmer, Ph. D., *Prof. Biophys. Chem.*
†Fisk Gerhardt, M. S., *Asst. Chem.*
*Henry Gilman, Ph. D., *Prof. Org. Chem.*
*L. C. Heckert, B. S., *Instr. Chem.*
*R. M. Hixon, Ph. D., *Asst. Prof. Plant Chem.*
†R. L. Jones, M. S., *Chem. Tech.*
†A. R. Lamb, M. S., *Asst. Chem.*
*H. M. McLaughlin, Ph. D., *Instr. Chem.*
*H. L. Maxwell, M. S., *Instr. Chem.*
*Nellie M. Naylor, Ph. D., *Asst. Prof. Enzyme Chem.*
*V. E. Nelson, M. S., *Prof. Physiol. Chem. and Nutr.*
*E. M. Roller, M. S., *Instr. Chem.*
†J. A. Schulz, B. S., *Asst. Chem.*
*R. B. Waite, M. S., *Instr. Chem.*
*J. A. Wilkinson, Ph. D., *Prof. Inorg. Chem.*

Dairying: *†Martin Mortensen, B. S., *Head of Dept.; Chief in Dairying.*
*†B. W. Hammer, Ph. D., *Prof. and Chief in Dairy Bact.*
†M. P. Baker, M. S., *Asst. in Dairying.*
‡J. J. Brunner, *Ext. Asst. Prof. Dairy Mfrs.*

Dairying—Continued.

*G. G. DeBord, Ph. D., *Asst. Prof. Dairy Bact.*
*W. D. Elliott, B. S., *Instr. Testing.*[1]
*E. F. Goss, M. S., *Assoc. Prof. Dairying.*[1]
‡H. A. Harmison, B. S., *Ext. Asst. in Dairying.*
*F. C. Hinze, *Instr. Dairying.*
*L. S. Hyde, M. S., *Instr. Dairying.*
*C. A. Iverson, M. S., *Assoc. Prof. Dairying.*
‡A. W. Rudnick, B. S., *Ext. Prof. Dairy Mfrs.*
†F. F. Sherwood, M. A., *Asst. Chief in Dairying.*

Economics (Agr.) and Rural Sociology:

*†C. L. Holmes, Ph.D., *Head of Dept.; Chief of Agr. Econ. and Farm Mgt. Sec.*
*†G. H. Von Tungeln, M. A., *Prof. Rural Sociol.; Chief of Rural Sociol. Sec.*
‡L. G. Allbaugh, B. S., *Ext. Asst. Prof. Farm Mgt.*
*†Knute Bjorka, M. S., *Asst. Prof. and Asst. in Agr. Econ. and Farm Mgt.*
‡E. L. Cady, M. S., *Ext. Asst. Prof. Agr. Econ.*
†C. W. Crickman, M. S., *Asst. in Agr. Econ. and Farm Mgt.*
*†H. C. Frame, M. A., *Asst. Prof. and Asst. in Agr. Econ.*
‡J. C. Galloway, B. S., *Farm Mgt. Dem.*
*†F. L. Garlock, M. A., *Asst. Prof. and Asst. in Agr. Econ.*
*W. L. Harter, M. S., *Assoc. Prof. Agr. Econ. and Farm Mgt.*[1]
*H. B. Hawthorn, Ph. D., *Asst. Prof. Rural Sociol.*
*A. W. Hayes, Ph. D., *Assoc. Prof. Rural Sociol.*
*†J. A. Hopkins, jr., Ph. D., *Asst. Prof. and Asst. in Agr. Econ. and Farm Mgt.*
†E. B. Hurd, *Research Asst. in Agr. Econ. and Farm Mgt.*
†H. G. Loomer, M. S., *Asst. in Agr. Econ.*
*†P. L. Miller, M. A., *Assoc. Prof. Agr. Econ.; Asst. Chief Agr. Econ. and Farm Mgt.*
†Millard Peck, B. S., *Asst. in Agr. Econ.*
*††Frank Robotka, M. S., *Asst. Prof. and Asst. in Agr. Econ. Marketing.*
‡W. H. Stacy, M. S., *Ext. Assoc. Prof. Rural Organ.*
†J. F. Thaden, M. S., *Asst. in Rural Sociol.*
‡S. H. Thompson, M. S., *Ext. Prof. Agr. Econ.*

Education (Agr.): *W. H. Lancelot, B. S., *Head of Dept.*
*P. I. Barker, B. S., *Instr. Voc. Ed.*
*W. H. Bender, B. S., *Asst. Prof. Voc. Ed.*
*H. M. Hamlin, M. S., *Assoc. Prof. Voc. Ed.*
*Barton Morgan, M. S., *Instr. Voc. Ed.*
*J. A. Starrak, M. S., *Asst. Prof. Voc. Ed.*
*H. B. Swanson, B. S., *Instr. Voc. Ed.*

Engineering (Agr.): *†J. B. Davidson, B. S. M. E., A. E., *Head of Dept.; Chief of Agr. Engin. Sec.*
*Q. C. Ayres, B. S., C. E., *Assoc. Prof. Agr. Engin.*
‡A. W. Clyde, B. S. A. E., *Ext. Prof. Agr. Engin.*
†E. V. Collins, B. S. A. E., *Asst. Chief in Agr. Engin. Sec.*
*F. C. Fenton, B. S. A. E., *Assoc. Prof. Agr. Engin.*

Engineering—Continued.

†Henry Giese, B. S., *Asst. in Agr. Engin.*
*H. F. Hertz, *Instr. Agr. Engin.*
*E. M. Mervine, M. E., *Prof. Agr. Engin.*
*H. Z. Rynerson, *Instr. Agr. Engin.*[1]
‡H. H. Sunderlin, B. S. A. E., *Ext. Assoc. Prof. Agr. Engin.*
*A. W. Turner, B. S. A. E., *Assoc. Prof. Agr. Engin.*[1]
*H. L. Wallace, M. S. A. E., *Instr. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[2] Director Bliss *in charge*

‡Murl McDonald, B. S., *Asst. Dir. (County Agt. Leader).*
‡P. C. Taff, B. S., *Asst. Dir. (State Club Leader).*
‡Neale S. Knowles, *State Home Dem. Leader.*
‡Josephine E. Arnquist, B. S., *Asst. State Club Leader.*
‡Mrs. Edith P. Barker, *Asst. State Club Leader.*
‡W. L. Harper, *Secy.*
‡H. J. Metcalf, *in charge Information Service.*
‡Florence Packman, M. S., *Asst. State Club Leader.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
‡F. P. Reed, B. S., *Asst. State Club Leader.*
‡Avis Talcott, B. S., *Asst. State Home Dem. Leader.*

Farm Crops and Soils: *†W. H. Stevenson, D. Sc., *Head of Dept.; Vice Dir. of Sta. and Chief Agron. Dir. of Soil Survey.*
*†P. E. Brown, Ph.D., *Prof. Soils; Chief Soil Chem. and Bact. Assoc. Dir. of Soil Survey.*
†L. C. Burnett, M. S., *Chief in Cereal Brdg. (Coop. U. S. D. A.)*
†L. W. Forman, M. S., *Chief in Field Expts.*
*†H. D. Hughes, M. S., *Prof. and Chief in Farm Crops.*
†W. G. Baker, M. S., *Asst. in Field Expts.*
†T. H. Benton, M. S., *Soil Surveyor.*
†Bryan Boatman, B. S., *Asst. in Field Expts.*
†J. L. Boatman, M. S., *Asst. in Field Expts.*
‡F. G. Churchill, B. S., *Ext. Prof. Farm Crops and Soils.*
*C. S. Dorchester, M. S., *Asst. Prof. Farm Crops.*
‡E. S. Dyas, *Ext. Asst. Prof. Farm Crops and Soils.*
*J. C. Eldridge, B. S., *Asst. Prof. Farm Crops.*
*Paul Emerson, Ph. D., *Assoc. Prof. Soils.*
*†L. W. Erdman, Ph. D., *Asst. Prof. Soils; Asst. Chief in Soil Bact.*
*E. T. Erickson, M. S., *Asst. Prof. Farm Crops*
*B. J. Firkins, M. S., *Asst. Prof. Soils.*
†D. S. Gray, B. S., *Soil Surveyor.*
*†H. J. Harper, Ph. D., *Assoc. Prof. Soils; Asst. Chief Soil Chem.*
‡M. A. Hauser, B. S., *Ext. Prof. Farm Crops and Soils.*
*E. R. Henson, M. S., *Asst. Prof. Farm Crops.*
*D. R. Johnson, M. S., *Assoc. Prof. Soils.*
†A. M. O'Neal, B. S., *Soil Surveyor.*
†C. L. Orrben, B. S., *Soil Surveyor.*
*O. E. Overseth, M. S., *Instr. Soils.*
†J. L. Robinson, M. S., *Supt. Coop. Expts.*
†F. B. Smith, M. S., *Research Asst. in Soils.*

[1] Noncollegiate course.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

Farm Crops and Soils—Continued.

*R. M. Vifquain, M. A., *Assoc. Prof. Farm Crops and Soils.*[1]

‡H. W. Warner, M. S., *Ext. Assoc. Prof. Soils.*

*J. B. Wentz, M. S., *Assoc. Prof. Farm Crops.*

†F. S. Wilkins, M. S., *Asst. Chief in Forage Crops.*

Genetics: *†E. W. Lindstrom, Ph. D., *Head of Dept.; Chief Geneticist.*

*W. A. Carver, M. S., *Asst. in Genetics.*

*†W. V. Lambert, M. S., *Instr. and Asst. in Genetics.*

Home Economics: *Anna E. Richardson, M. A., *Dean of Div.*

*Iva L. Brandt, B. S., *Head Textiles and Clothing Dept.*

*Florence E. Busse, M. A., *Head Foods and Nutr. Dept.*

*Joanna M. Hansen, M. A., *Head Applied Art Dept.*

*Cora B. Miller, M. A., *Assoc. Prof. and Head Voc. Ed. Home Econ.*

*Ida A. Anders, B. S., *Asst. Prof. Voc. Ed.*

‡Margaret M. Baker, M. S., *Foods and Nutr. Specialist.*

‡Monelle Baker, B. S., *Clothing Specialist.*

*Susan L. Bates, B. S., *Assoc. Prof. Textiles and Clothing.*

*Viola M. Bell, M. A., *Assoc. Prof. Foods and Nutr.*

*Mrs. Lulu M. Brandt, B. S., *Instr. Textiles and Clothing.*

*Agnes Broemel, B. S., *Instr. Applied Art.*

*Mrs. Linda S. Brown, M. A., *Asst. Prof. Institutional Admin.*

‡Ruth B. Cessna, M. A., *Foods and Nutr. Specialist.*

*Katherine T. Cranor, A. M., *Prof. Textiles and Clothing.*

*Eloise Davison, M. S., *Asst. Prof. Household Admin.*

*Ruetta T. Day, M. A., *Asst. Prof. Foods and Nutr.*

‡Marion Deyoe, B. S., *Foods and Nutr. Specialist.*

*Catherine Eichelberger, *Instr. Applied Art.*

*M. Arlyn Eilert, M. A., *Instr. Applied Art.*

‡Mildred Elder, B. S., *Clothing Specialist.*

*Florence Faust, B. A., *Instr. Textiles and Clothing.*

*Mabel C. Fisher, *Asst. Prof. Applied Art.*

*Regina J. Friant, Ph. B., M. A., *Asst. Prof. Voc. Ed.*

*Mary L. Gabrielson, M. A., *Instr. Textiles and Clothing.*

*Electa Gibson, B. S., *Inst. Home Econ.*[1]

‡Alma Heiner, B. S., *Clothing Specialist.*

*Anna M. Henderson, *Asst. Prof. Applied Art.*

*Laura V. Holmes, Ph. B., *Instr. Applied Art.*

*Amanda Jacobsen, A. M., *Asst. Prof. Applied Art.*

*Lydia O. Jacobson, M. S., *Instr. Voc. Ed.*

*Elizabeth Johnson, B. S., *Instr. Applied Art.*

‡Ruby Kassel, B. A., *Clothing Specialist.*

*Wilma B. Keyes, *Instr. Applied Art.*

*Mrs. Daisy H. Kilgore, Ph. B., *Instr. Voc. Ed.*

*Hazel Kyrk, Ph. D., *Prof. Household Admin. and Econ.*

Home Economics—Continued.

*Mrs. Lulu R. Lancaster, *Asst. Prof. Household Admin.*

*Ruth M. Lindquist, M. A., *Asst. Prof. Household Admin.*

*Belle Lowe, Ph. B., *Assoc. Prof. Foods and Nutr.*

‡Gertrude I. Lynn, M. A., *Home Mgt. Specialist.*

*Agnes McCarthy, B. S., *Assoc. Prof. Home Econ.*[1]

*Maefred C. McKenzie, Ph. B., *Instr. Textiles and Clothing.*

*Lucy G. Magee, M. A., *Asst. Prof. Foods and Nutr.*

*Mary A. Mason, M. S., *Instr. Household Admin.*

‡Mrs. Cecile W. Meyer, B. S., *Milk Utilization Specialist.*

*Willetta Moore, B. S., *Instr. Foods and Nutr.*

*P. Mabel Nelson, Ph. D., *Assoc. Prof. Nutr.*

*Mrs Henry Ness, *Instr. Home Econ.*[1]

‡Gertrude Owen, B. A., *Clothing Specialist.*

*Martha A. Park, B. S., *Instr. Voc. Ed.*

*Ruth Pohlman, M. S., *Instr. Foods and Nutr.*

‡Elsie Richardson, B. S., *Home Furnishings Specialist.*

*Alma Riemenschneider, B. S., *Asst. Prof. Foods and Nutr.*

‡Marie Roberts, B. S., *Clothing Specialist.*

‡Mabel Rockhill, B. S., *Clothing Specialist.*

*Emma L. Samuel, B. S., *Instr. Foods and Nutr.*

*Olive Settles, B. S., *Assoc. Prof. Textiles and Clothing.*

‡Lillian Shaben, B. S., *Home Furnishings Specialist.*

*Ida M. Shilling, M. S., *Asst. Prof. Foods and Nutr.*

‡Allie M. Smith, M. S., *Millinery Specialist.*

*Ruth F. Spencer, M. S., *Instr. Applied Art.*

*Marie Stephens, B. S., *Asst. Prof. Textiles and Clothing.*

*Lydia V. Swanson, B. S., *Instr. Household Admin.*

*Marcia E. Turner, M. A., *Assoc. Prof. Voc. Ed.*

Horticulture and Forestry: *†B. S. Pickett, M. S., *Head of Dept.; Chief Hort.*

*†G. B. MacDonald, M. F., *Prof. and Chief in For.*

*†P. H. Elwood, jr., B. S., *Prof. and Chief in Landsc. Arch.*

†A. T. Erwin, M. S., *Chief in Truck Crops.*

†T. J. Maney, B. S., *Chief in Pomol.*

‡I. T. Bode, M. S., *Ext. Assoc. Prof. For.*

*M. E. Bottomley, M. L. D., *Asst. Prof. Landsc. Arch.*

*Perkins Coville, M. F., *Instr. For.*

*J. C. Cunningham, B. S., *Prof. Hort., Bot., Supvr. of Noncollegiate Agr.*

‡C. H. Diggs, *Landsc. Architect.*

‡C. L. Fitch, M. A., *Ext. Prof. Veg. Gard.*

†E. S. Haber, M. S., *Asst. Chief in Truck Crops.*

‡C. V. Holsinger, B. S., *Ext. Prof. Hort.*

*D. S. Jeffers, M. F., *Assoc. Prof. For.*

*H. F. Kenney, *Asst. in Landsc. Arch.*

†H. L. Lantz, M. S., *Asst. Chief in Pomol.*

‡H. E. Nichols, B. S., *Ext. Assoc. Prof. Hort.*

[1] Noncollegiate course.

Horticulture and Forestry—Continued.

†H. H. Plagge, M. S., *Asst. Pomol.*
*H. W. Richey, B. S., *Prof. Pomol.*
*R. R. Rothacker, M. S., *Instr. Hort.*[1]
*J. C. Schilletter, M. S., *Instr. Hort.*
*Ora Smith, M. S., *Instr. Veg. Gard.*
*E. C. Volz, M. S., *Assoc. Prof. Flor. and Veg. Gard.*
*W. B. Ward, B. S., *Asst. Prof. Hort.*

Journalism (Tech.): *†‡F. W. Beckman, Ph. D., *Head of Dept.; Bul. Editor.*
†Mrs. Olive S. Alcox, *Asst. Bul. Editor.*
*Blair Converse, M. A., *Assoc. Prof. Agr. Journalism.*
†E. L. Dearing, *Asst. Photog.*
†F. E. Ferguson, B. S., *Assoc. Bul. Editor.*
†E. H. Richardson, *Photog.*
‡C. E. Roach, B. S., *Ext. Prof. Visual Instruction.*
*C. R. Smith, B. S., *Instr. Agr. Journalism.*
*R. E. Winfrey, B. S., *Instr. Tech. Journalism.*

Physics: *L. B. Spinney, B. M. E., B. S. E. E., *Head of Dept.*
*A. C. Bailey, *Instr. Phys.*
*A. A. Benedict, A. M., *Asst. Prof. Phys.*
*L. W. Butler, A. B., *Asst. Prof. Phys.*
*L. V. Crum, M. S., *Instr. Phys.*
*G. E. Davis, M. S., *Instr. Phys.*
*V. E. Heaton, A. M., *Instr. Phys.*
*William Kunerth, Ph. D., *Assoc. Prof. Phys.*
*E. C. McCracken, *Instr. Phys.*
*H. J. Plagge, M. A., *Assoc. Prof. Phys.*
*Harold Stiles, Ph. D., *Assoc. Prof. Phys.*
*G. E. Thompson, Ph. D., *Assoc. Prof. Phys.*
*L. H. Willson, B. S., *Asst. Prof. Phys.*
*J. W. Woodrow, Ph. D., *Prof. Phys.*

Veterinary Medicine: *C. H. Stange, D. V. M., *Dean of Div. and Dir. Vet. Invest.*
*H. E. Bemis, D. V. M., *Vice Dean of Div. and Head of Vet. Surg.*
*E. A. Benbrook, V. M. D., *Head Vet. Path. Dept.*

Veterinary Medicine—Continued.

*H. D. Bergman, D. V. M., *Head Vet. Physiol. and Pharmacol. Dept.*
*H. S. Murphey, D. V. M., *Head Vet. Anat. Dept.*
*Charles Murray, Ph. B., D. V. M., B. S., *Head Vet. Invest. Dept.*
*W. A. Aitken, D. V. M., *Asst. Prof. Vet. Anat.*
*H. E. Biester, V. M. D., *Asst. Prof. Vet. Invest.*
*C. H. Covault, D. V. M., *Assoc. Prof. Vet. Med.*
*H. H. Dukes, D. V. M., M. S., *Asst. Prof. Vet. Physiol.*
*W. F. Guard, D. V. M., *Assoc. Prof. Vet. Surg.*
*George Judisch, Phar. D., *Instr. Vet. Pharmacol.*
*C. H. Larson, D. V. M., *Instr. Vet. Path.*
*G. W. McNutt, D. V. M., *Instr. Vet. Anat.*
*S. H. McNutt, D. V. M., *Asst. Prof. Vet. Invest.*
*C. D. Rice, B. S., D. V. M., *Assoc. Prof. Vet. Path.*
‡K. W. Stouder, D. V. M., *Ext. Prof. Vet. Med.*
*F. E. Walsh, D. V. M., *Asst. Prof. Vet. Med.*

Zoology and Entomology: *†C. J. Drake, Ph. D., *Head of Dept.; Chief Ent. (State Ent.).*
*F. M. Baldwin, Ph. D., *Prof. Physiol.*
‡F. D. Butcher, A. B., *Ext. Ent.*
*†B. B. Fulton, M. S., *Instr. Zool. and Ent.; Asst. Ent.*
*J. E. Guthrie, M. S., *Prof. Zool.*
*‡B. M. Harrison, Ph. D., *Asst. Prof. Zool.*
*Sarah Hoke, M. S., *Instr. Zool. and Ent.*
*H. S. Hopkins, Ph. D., *Asst. Prof. Physiol.*
*H. H. Knight, Ph. D., *Asst. Prof. Ent.*
‡Henry Ness, B. S., *Asst. State Ent.*
*†‡F. B. Paddock, M. S., *Assoc. Prof. Apiculture; Apiculturist (State Apiarist).*
†R. L. Parker, M. S., *Asst. Chief in Apiculture.*
*W. H. Wellhouse, Ph. D., *Assoc. Prof. Ent.*
‡A. D. Worthington, *Ext. Asst. in Apiculture.*

KANSAS

Kansas State Agricultural College and the Agricultural Experiment Station, *Manhattan*

*College faculty. †Station staff. ‡Extension staff

*F. D. Farrell, B. S., *Actg. President*
*†L. E. Call, M. S., *Actg. Dean Div. of Agr., Actg. Dir. of Sta.*
‡H. J. C. Umberger, B. S., *Dean and Dir. Div. of Ext.*

Agronomy: *†R. I. Throckmorton, M. S., *Actg. Head Dept. of Agron.*
*†C. O. Swanson, Ph. D., *Head Dept. of Milling Indus.*
†A. M. Brunson, Ph. D., *Assoc. in Plant Brdg. (Coop. U. S. D. A.).*
*C. D. Davis, B. S., *Asst. Prof. Farm Crops.*
†Mrs. Elizabeth P. Harling, *Seed Analyst.*
*†I. K. Landon, B. S., *Asst. Prof. Agron.; in charge SE. Field Stas.*
*†H. H. Laude, M. S., *Assoc. Prof. Agron.; in charge Coop. Expts.*
*†E. S. Lyons, B. S., *Asst. Prof. and Asst. in Soils.*

Agronomy—Continued.

†C. W. Oakes, *Miller.*
*†J. H. Parker, M. S., *Prof. Farm Crops; Plant Brdg. (Coop. U. S. D. A.).*
†G. H. Phinney, *Foreman of Agron. Farm.*
*†S. C. Salmon, M. S., *Prof. and Asst. in Farm Crops.*
‡A. J. Schoth, B. S., *Instr. Farm and Garden Crops (Junior Work).*
*†M. C. Sewell, Ph. D., *Assoc. Prof. and Asst. in Soils.*
‡H. R. Sumner, M. A., *Farm Crops Specialist.*
——— ——— *Prof. and Asst. in Soils.*

[1] Noncollegiate course.

Agronomy—Continued.
‡E. B. Wells, M. S., *Soils Specialist.*
‡L. E. Willoughby, B. S., *Farm Crops Specialist.*
*†E. B. Working, Ph. D., *Assoc. Prof. and Assoc. in Milling Indus.*
*†J. W. Zahnley, B. S., *Assoc. Prof. and Assoc. in Farm Crops.*

Animal Industry: *†C. W. McCampbell, B. S., D. V. M., *Head Dept. of An. Husb.*
*†J. B. Fitch, B. S., *Head Dept. of Dairy Husb.*
*†L. F. Payne, B. S., *Head Dept. of Poultry Husb.*
*†B. M. Anderson, B. S., *Assoc. Prof. An. Husb.; Cattle Invest.*
*C. E. Aubel, M. S., *Asst. Prof. An. Husb.*
*F. W. Bell, B. S., *Prof. An. Husb. in charge Advanced Judging.*
*†H. W. Cave, M. S., *Assoc. Prof. Dairy Husb.; Dairy Prod.*
‡M. H. Coe, B. S., *Instr. Junior An. Husb.*
‡C. G. Elling, B. S., *An. Husb. Specialist.*
*†H. L. Ibsen, Ph. D., *Prof. An. Husb.; An. Brdg. Invest.*
‡R. W. Kiser, B. S., *An. Husb. Specialist.*
‡A. W. Knott, B. S., *Dairy Husb. Specialist.*
‡J. W. Linn, B. S., *Dairy Husb. Specialist.*
*†R. H. Lush, M. S., *Instr. and Asst. in Dairy Husb.*
‡J. H. McAdams, B. S., *Poultry Husb. Specialist.*
*†D. L. Mackintosh, B. S., *Asst. Prof. and Asst. An. Husb. (Horse Invest.).*
*†H. W. Marston, M. S., *Instr. and Asst. An. Husb.*
†H. B. Mugglestone, *Supt. Poultry Plant.*
‡Charles Nitcher, B. S., *Instr. An. Husb., Home Study Service.*
*†N. E. Olson, B. S., *Assoc. Prof. Dairy Husb.; Dairy Mfrs.*
*†H. E. Reed, B. S., *Assoc. Prof. An. Husb.; Sheep Invest.*
*K. M. Renner, B. S., *Asst. in Dairy Husb.*
*†W. H. Riddell, M. S., *Instr. Dairy Husb.; in charge Official Tests.*
*H. H. Steup, B. S., *Instr. Poultry Husb.*
‡D. J. Taylor, B. S., *Poultry Husb. Specialist.*
*†D. C. Warren, Ph. D., *Assoc. Prof. Poultry Husb.; Poultry Brdg.*
*†A. D. Weber, B. S., *Instr. and Asst. An. Husb. (Swine Invest.)*

Bacteriology: *†L. D. Bushnell, Ph. D., *Head of Dept.*
*†A. C. Fay, M. S., *Asst. Prof. Dairy Bact.; Dairy Bact.*
*†P. L. Gainey, M. S., *Prof. Bact.; Soil Bact.*
*†W. R. Hinshaw, D. V. M., *Instr. Bact.; Poultry Disease Invest.*
*B. W. Lafene, B. S., *Instr. Bact.*

Botany and Plant Pathology: *†L. E. Melchers, M. S., *Head of Dept. (Coop. U. S. D. A.).*
*†E. C. Miller, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
*Dorothy J. Cashen, M. S., *Instr. Bot.*
*Nora E. Dalbey, A. M., *Asst. Prof. Bot.*
*W. E. Davis, A. B. *Assoc. Prof. Bot.*
*F. C. Gates, Ph. D., *Assoc. Prof. Bot.*
*H. H. Haymaker, M. S., *Assoc. Prof. Bot.*
†C. O. Johnston, B. S., *Asst. in Cereal Diseases (Coop. U. S. D. A.).*
‡D. R. Porter, B. S., *Plant Path. Specialist.*
*†R. P. White, Ph. D., *Asst. Prof. and Asst. in Plant Path.*

Chemistry: *†H. H. King, Ph. D., *Head of Dept.*
*†J. S. Hughes, Ph. D., *Prof. Chem.; An. Nutr.*
*†J. T. Willard, D. Sc., *Vice Pres. of Coll.; Consult. Chem.*
*H. W. Brubaker, Ph. D., *Prof. Chem.*
*Esther Bruner, M. S., *Instr. Chem.*
†F. H. Collins, B. S., *Asst. Chem.*
*C. W. Colver, Ph. D., *Assoc. Prof. Chem.*
†H. R. De Rose, A. B., *Assoc. in Food Anal.*
*Stella M. Harriss, M. S., *Instr. Chem.*
*G. H. Joseph, M. S., *Instr. Chem.*
*E. B. Keith, Ph. D., *Instr. Chem.*
*G. W. Kuerner, M. S., *Instr. Chem.*
*†W. L. Latshaw, M. S., *Asst. Prof. Chem. Soil, Feeding-stuffs, and Fert. Anal.*
*L. F. Marcy, A. B., *Instr. Chem.*
*O. N. Massengale, M. S., *Instr. Chem.*
†J. F. Merrill, B. S., *Asst. Chem.*
*G. D. Palmer, jr., Ph. D., *Instr. Chem.*
*†A. T. Perkins, Ph. D., *Asst. Prof. and Research Chem.*
*J. E. Sellers, B. S., *Instr. Chem.*
*†E. L. Tague, Ph. D., *Assoc. Prof. Chem.; Protein Invest.*
†R. W. Titus, A. M., *Assoc. in Feeding-stuffs Anal.*

Economics (Agr.): *†W. E Grimes, Ph. D., *Head of Dept.*
*W. H. Burr, B. S., *Prof. Sociol.*
‡I. N. Chapman, B. S., *Farm Mgt. Dem.*
*†Eric Englund, M. S., *Prof. Agr. Econ.; Land Econ.*
*†Morris Evans, B. S., *Asst. Prof. Agr. Econ.; Farm Organ.*
*†R. M. Green, M. S., *Prof. Agr. Econ.; Asst. in Marketing Invest.*
*Harold Hedges, M. A., *Instr. Marketing.*
*J. A. Hodges, M. S., *Instr. Agr. Econ.*
†J. H. Moyer, B. S., *Research Asst. in Agr. Econ. (P. O., Holton).*
†R. D. Nichols, B. S., *Research Asst. in Agr. Econ. (P. O., McPherson).*
‡E. A. Stokdyk, M. S., *Marketing Specialist.*

Education (Agr.): *E. L. Holton, A. B., *Head of Dept.*
‡G. A. Gemmell, M. S., *Prof. Ed. in charge Home Study Service.*
*A. P. Davidson, B. S., *Prin. Voc. School.*
‡B. H. Fleenor, M. S., *Asst. Prof. Ed., Home Study Service.*
*C. V. Williams, A. M., *Prof. Voc. Ed.*

Engineering (Agr.): *H. B. Walker, C. E., *Head of Dept.*
*R. H. Driftmier, B. S. A. E., *Asst. Prof. Agr. Engin.*
*V. R. Hillman, B. S. A. E., *Asst. Prof. Agr. Engin.*
*W. H. Sanders, M. E., *Assoc. Prof. Agr. Engin.*
‡C. K. Shedd, B. S. A. E., *Asst. Prof. Rural. Engin.*
*B. B. Smith, *Asst. in Agr. Engin.*
‡W. G. Ward, B. S., *Assoc. Prof. Rural Arch.*

Entomology: *†G. A. Dean, M. S., *Head of Dept*
†H. R. Bryson, M. S., *Asst. in Ent.*
‡E. G. Kelly, M. S., *Ent. Specialist.*
*†J. W. McColloch, M. S., *Assoc. Prof. Ent.; Staple Crop Insect Invest.*
*†J. H. Merrill, Ph. D., *Assoc. Prof. Ent.; Asst. in Fruit Insect Invest. (State Apiarist).*
‡Roy Moore, *Rodent Control Specialist (Coop. U. S. D. A.)*

Entomology—Continued.
‡A. E. Oman, M. F., *Rodent Control Specialist (Coop. U. S. D. A.).*
*†R. C. Smith, Ph. D., *Assoc. Prof. Ent.; Staple Crop Insect Invest.*

Extension (Admin.):[1] Dean and Director Umberger *in charge.*
‡Amy Kelly, B. S., *State Home Dem. Leader.*
‡R. W. Morrish, B. S., *State Club Leader.*
‡Ellen M. Batchelor, B. S., *Asst. State Home Dem. Leader.*
‡Charlotte E. Biester, B. S., *Asst. State Club Leader.*
‡Delfa M. Hazeltine, *Asst. to the Dean and Dir.*

Home Economics: *Margaret M. Justin, Ph. D., *Dean of Div.*
*Louise P. Glanton, A. M., *Head Dept. of Clothing and Textiles.*
*Araminta Holman, B. S., *Head Dept. of Applied Art.*
*Amy-Jane Leazenby, A. M., *Head Dept. of Household Econ.*
*Martha S. Pittman, A. M., *Head Dept. of Food Econ. and Nutr.*
*Margaret Ahlborn, M. S., *Instr. Food Econ. and Nutr.*
‡Harriet W. Allard, B. S., *Household Mgt. Specialist.*
*Ethel M. Arnold, B. S., *Instr. Applied Art.*
*Lillian Baker, A. M., *Prof. Clothing and Textiles.*
*Mina Bates, A. M., *Asst. Prof. Household Econ.*
*Emily Bennett, M. S., *Instr. Food Econ. and Nutr.*
*Helen A. Bishop, A. M., *Asst. Prof. Household Econ.*
*Florence R. Clarke, A. B., *Instr. Clothing and Textiles.*
*Ina F. Cowles, B. S., *Assoc. Prof. Clothing and Textiles.*
*Jean S. Dobbs, B. S., *Instr. Household Econ.*
*Louis H. Everhardy, *Instr. Applied Art.*
*Emma F. Fecht, *Instr. Clothing and Textiles.*
*‡L. Maude Finley, B. S., *Asst. Prof. Clothing, Millinery Specialist.*
‡Conie Foote, B. S., *Foods and Nutr. Specialist.*
*Vida Harris, *Instr. Applied Art.*
*Alene Hinn, *Asst. Prof. Clothing and Textiles.*
*Katherine Hudson, M. S., *Asst. Prof. Food Econ. and Nutr.*
*Martha M. Kramer, Ph. D., *Assoc. Prof. Food Econ. and Nutr.*
‡Loretta McElmurry, B. S., *Instr. Clothing and Textiles.*
‡Ethel J. Marshall, B. S., *Instr. Home Econ., Home Study Service.*
‡W. Pearl Martin, R. N., *Home Nursing Specialist.*
*Mary E. Polson, A. M., *Instr. Clothing and Textiles.*
*Pearle E. Ruby, M. S., *Assoc. Prof. Food Econ. and Nutr.*
‡Minnie Sequist, A. B., *Specialist in Clothing and Textiles.*
‡Georgiana Smurthwaite, *Nutr. Specialist.*
*Elma Stewart, *Asst. in Household Econ.*

Horticulture: *†Albert Dickens, M. S., *Head of Dept.*
*†R. J. Barnett, M. S., *Prof. Hort.; Pomol.*
*†W. B. Balch, B. S., *Asst. Prof. Hort.; Greenhouse Foreman.*
*A. H. Helder, M. S., M. L. A., *Asst. Prof. Landsc. Gard.*
‡E. M. Litwiller, B. S., *Instr. Hort., Home Study Service.*
*†W. F. Pickett, M. S., *Asst. Prof. Hort.; Orchard Invest.*
‡L. C. Williams, B. S., *Hort. Specialist.*

Illustrations: *†F. E. Colburn, *Head of Dept. Prof. Photog.*

Journalism: *C. E. Rogers, B. A., *Assoc. Prof. Agr. Journalism.*
‡Samuel Pickard, B. S., *Ext. Editor.*

Physics: *J. O. Hamilton, B. S., *Head of Dept.*
*G. E. Raburn, M. S., *Prof. Phys.*

Veterinary Medicine: *†R. R. Dykstra, D. V. M., *Dean of Div.; Vet.*
*J. H. Burt, D. V. M., *Head Dept. of Anat. and Physiol.*
*†H. F. Lienhardt, V. M. D., *Head Dept. of Vet. Path.*
*J. F. Bullard, D. V. M., *Instr. Vet. Med.*
*E. J. Frick, D. V. M., *Assoc. Prof. Vet. Med.*
†N. D. Harwood, D. V. M., *Asst. in Vaccine Labs.*
†C. W. Hobbs, D. V. S., *Field Vet. and Supt. Vaccine Labs.*
*†C. H. Kitselman, V. M. D., *Asst. Prof. Path.; Abortion Disease Invest.*
‡J. W. Lumb, D. V. M., *Ext. Vet.*
*W. M. McLeod, D. V. M., *Assoc. Prof. Anat.*
*†C. E. Sawyer, D. V. M., *Asst. Prof. Vet. Path.; Asst. Path.*
*†J. P. Scott, D. V. M., M. S., *Assoc. Prof. An. Path.; Blackleg Invest.*

Zoology: *†R. K. Nabours, Ph. D., *Head of Dept.*
*†J. E. Ackert, Ph. D., *Prof. Zool.; Parasitol.*
†Bertha L. Danheim, M. S., *Asst. in Parasitol.*
*C. A. Gunns, *Instr. Zool.*
*Mary T. Harman, Ph. D., *Prof. Zool.*
*†G. E. Johnson, Ph. D., *Asst. Prof. Zool.; Mammalogist.*
†Carrie I. Potter, M. S., *Asst. in Genetics.*
*T. B. Williams, Ph. D., *Asst. Prof. Geol.*

Miscellaneous:
*†Hugh Durham, A. M., *Asst. to Dean of Agr.*
*A. B. Smith, B. L. S., *Libr.*

Substations:
Colby—B. F. Barnes, B. S., *Supt. (Coop. U. S. D. A.).*
Fort Hays, *P. O., Hays*—
L. C. Aicher, B. S., *Supt.*
R. E. Getty, B. S., *Forage Crops (Coop. U. S. D. A.).*
A. L. Hallsted, B. S., *Dry Farming (Coop. U. S. D. A.).*
P. E. Neale, B. S., *Asst. to Supt.*
A. F. Swanson, M. S., *Cereal Invest. (Coop. U. S. D. A.).*
Garden City—
F. A. Wagner, B. S., *Supt.*
E. H. Coles, B. S., *Dry Land Agr. (Coop. U. S. D. A.).*
Tribune—T. B. Stinson, B. S., *Supt.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

KENTUCKY

College of Agriculture and the Agricultural Experiment Station of the University of Kentucky, *Lexington*

*College faculty. †Station staff. ‡Extension staff

*F. L. McVey, Ph. D., LL. D., *President of University*
*†‡T. P. Cooper, B. S. in A., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Service*

Agronomy: *†‡George Roberts, M. S., *Head of Dept. Asst. Dean of Coll.*
*†E. N. Fergus, M. S., *Asst. Prof. Farm Crops; Asst. Agron.*
†J. F. Freeman, M. S., *Supt. of Expt. Fields.*
†E. M. Johnson, M. S., *Asst. Agron.*
‡S. C. Jones, M. S., *Field Agt. in Agron.*
*P. E. Karraker, M. A., *Assoc. Prof. Soils; Asst. Agron.*
‡Ralph Kenney, B. S., *Field Agt. in Agron.*
*†‡E. J. Kinney, B. S., *Prof. Farm Crops; Assoc. Agron.*
*†W. D. Valleau, Ph. D., *Assoc. Prof. Plant Path.; Plant Path.*

Animal Industry: *†‡E. S. Good, M. S., *Chair. An. Indus. Group.*
*†J. J. Hooper, M. S., *Prof. Dairy Husb.; in charge Dairy Invest.*
*†‡Jos. H. Martin, M. S., *Assoc. Prof. and in charge Poultry Husb.*
*†‡W. S. Anderson, M. A., *Prof. Genetics; in charge Horse Husb.*
*‡J. O. Barkman, B. S., *Asst. Prof. Dairy Mfrs. and Field Agt. in Dairying.*
†J. D. Foster, M. S., *Insp. in charge Creameries.*
†Amanda H. Harms, B. S., *Asst. Pathogenic Bact. in An. Husb.*
‡C. E. Harris, B. S., *Field Agt. in Poultry Husb.*
*†W. J. Harris, B. S., *Asst. Prof. and Asst. An. Husb.*
*†‡L. J. Horlacher, M. S., *Assoc. Prof. and Asst. An. Husb. (Sheep).*
‡J. E. Humphrey, B. S., *Field Agt. in Poultry Husb.*
‡R. C. Miller, M. S., *Field Agt. in An. Husb.*
†J. W. Nutter, *Supt. Dairy Farm.*
‡E. M. Prewitt, B. S., *Field Agt. in Dairying.*
‡Wayland Rhoads, M. S., *Field Agt. in An. Husb.*
‡H. G. Sellards, B. S., *Field Agt. in An. Husb.*
‡J. R. Smyth, B. S., *Field Agt. in Poultry Husb.*
*†E. J. Wilford, B. S., *Assoc. Prof. and Asst. An. Husb.*
*†W. W. Dimock, D. V. M., *Prof. and Head Dept. of Vet. Sci.*
*†E. A. Caslick, D. V. M. *Instr. Vet. Sci.; Asst. Vet.*
‡T. P. Polk, D. V. M., *Field Agt. in Vet. Sci.*
†D. A. Sanders, D. V. M., *Asst. Vet.*
†Ethel M. Snyder, B. S., *Lab. Asst. in Vet. Sci.*

Chemistry: *†A. M. Peter, D. Sc., *Head of Dept. Prof. Soil Tech.*
†S. D. Averitt, M. S., *Chem.*
†G. D. Buckner, Ph. D., *Research Chem.*
*†D. J. Healy, M. D. C. M., *Prof. Agr. Bact.; Research Bact.*
†W. D. Iler, *Asst. Chem.*

Chemistry—Continued.
†J. S. McHargue, Ph. D., *Research Chem.*
†O. M. Shedd, M. S., *Research Chem.*

Economics (Agr.): *†‡W. D. Nicholls, M. S., *Head Dept. Farm Econ.*
*†‡O. B. Jesness, M. S., *Prof. Marketing; Chief Sec. of Markets.*
†T. S. Baird, B. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
†D. G. Card, B. S., *Asst. in Marketing.*
*W. G. Finn, M. S., *Instr. Agr. Econ.*
‡Z. L. Galloway, B. S., *Field Agt. in Farm Mgt.*
‡J. W. Jones, M. A., *Field Agt. in Marketing.*
†E. L. Langsford, B. S., *Agt. in Cost Prod. (Coop. U. S. D. A.).*
†E. C. Vaughn, A. B., *Asst. in Marketing.*

Engineering (Agr.): *‡J. B. Kelley, B. S. (M. E., A. E.), *Prof. Agr. Engin.*
‡E. G. Welch, B. S. A. E., *Field Agt. in Agr. Engin.*

Entomology and Botany: *†Harrison Garman, D. Sc., *Head of Dept. Prof. Ent.*
†Mary LeG. Didlake, M. S., *Asst. Ent. and Bot.*
†Carrie L. Hathaway, *Seed Analyst.*
†Marie Jackson, *Seed Analyst.*
†H. H. Jewett, M. A., *Research Asst. in Ent. and Bot.*

Extension (Admin.): [1] Director Cooper *in charge.*
†T. R. Bryant, B. S., *Asst. Dir.*
‡C. A. Mahan, M. S., *State Agt.*
‡Myrtle M. Weldon, M. S., *State Home Dem. Agt.*
‡J. W. Whitehouse, M. S., *State Club Agt.*
‡Anita Burnam, B. S., *Field Agt. in Club Work.*
‡N. R. Elliott, B. S., *Asst. State Agt.*
‡J. M. Feltner, *Field Agt. in Club Work.*
‡E. E. Fish, M. S., *Field Agt. in Club Work.*
‡M. S. Garside, B. S., *Field Agt. in Club Work.*
‡E. J. Kilpatrick, B. S., *Asst. State Agt.*
‡Lulie E. Logan, A. B., *Asst. State Home Dem. Agt.*
‡Garnett McKenney, B. S., *Field Agt. in Club Work.*
‡B. G. Nelson, *Asst. State Agt.*
‡W. C. Wilson, *Asst. State Agt.*

Home Economics: *Mariel Hopkins, M. S., *Head of Dept.*
*Rama V. Bennett, M. A., *Instr. Home Econ.*
‡Eleanor M. Enright, B. S., *Field Agt. in Home Econ.*
*Nellie Fitzgerald, M. A., *Instr. Home Econ.*
*Nellie A. Gard, M. A., *Asst. Prof. Home Econ.*
*Minnie M. Kennedy, M.A., *Instr. Home Econ.*
*Lilly E. Kohl, M. S., *Asst. Prof. Institutional Mgt.*
‡Mary M. Miller, B. S., *Field Agt. in Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc

Home Economics—Continued.
‡Irene M. Piedalue, B. S., *Field Agt. in Home Econ.*
‡Isabelle M. Story, M. A., *Field Agt. in Home Econ.*
Horticulture: *† C. W. Mathews, B. S., *Head of Dept.*
‡J. S. Gardner, M. A., *Field Agt. in Hort.*
‡W. W. Magill, B. S., *Field Agt. in Hort.*
*†A. J. Olney, M. H., *Prof. and Asst. Hort.*
*†C. S. Waltman, B. S., *Instr. and Asst. Hort.*
Public Service Labs.: †L. A. Brown, Phar. D., *Director.*
†E. K. Borman, B. S., *Asst. Bact.*
†E. J. Gott, B. S., *Bact.*
†James H. Martin, Ph. G., *Asst. Chem.*
†A. L. Meader, B. A., *Asst. Chem.*
Regulatory Work: †J. D. Turner, LL. B., *Head Feed Control Dept.*

Regulatory Work—Continued.
†H. E. Curtis, M. S., *Head Fert. Control Dept.*
†H. R. Allen, M. A., *Chem. in Fert. Control.*
†Fred Fitschen, *Insp. in Feed Control.*
†Lelah V. Gault, B. S., *Asst. Chem. in Fert. Control.*
†P. H. Senn, M. S., *Microscopist.*
†H. D. Spears, M. S., *Chem. in Feed Control.*
†W. G. Terrell, *Insp. in Feed Control.*
†R. E. Tolle, *Insp. Feed and Fert. Control.*
Miscellaneous:
†Grace L. Snodgrass, *Libr.*
‡C. A. Lewis, B. S., *Asst. Editor.*
Substations:
Robinson Substa., *P. O., Quicksand*—
R. W. Jones, *Supt.*
C. H. Burrage, B. S. F., *For.*
Western Kentucky Substa., *P. O. Princeton*—
S. J. Lowry, B. S., *Supt.*

The Kentucky Normal and Industrial Institute for Colored Persons, *Frankfort*

*Agricultural faculty

*G. P. Russell, A. B., LL. D., *President*

*W. D. Black, *First Asst. in Agr.*
*J. A. Bond, A. B., *Education.*
*I. S. Hamer, A. B., *Sci. and Agr.*
*L. J. Harper, A. B., *Sci.*
*W. L. Shobe, A. B., *Farm Crops.*
*P. P. Watson, M. S., *Farm Mech.*
*J. L. White, B. Agr., *Voc. Teacher Training in Agr.*

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College and the State Experiment Station, *University Station, Baton Rouge:* **the Sugar Station,** *Baton Rouge;* **the North Louisiana Station,** *Calhoun;* **the Rice Station,** *Crowley;* **and the Fruit and Truck Station,** *Hammond*

* College faculty. †Station staff. ‡Extension staff

*T. D. Boyd, A. M., LL. D., *President*
*†W. R. Dodson, B. S., A. B., *Dean Coll. of Agr., Dir. of Stations*
‡W. R. Perkins, M. S., *Dir. Agr. Ext. Dept.*

Agronomy: †A. F. Kidder, B. S., *Agron.*
*W. R. Hendrix, B. S., *Prof. Agron.*
†Rogers Dodson, B. S., *Forage Crops Specialist*
*E. C. Simon, B. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
*F. D. Stevens, B. S., *Instr. Farm Mgt. (Coop. U. S. D. A.).*
*O. B. Turner, M. S., *Instr. Agron.*
Animal Industry: *E. L. Jordan, B. S., *Prof. An. Indus.*
*J. B. Francioni, B. S., *Asst. Prof. An. Husb.*
‡L. E. Morgan, M. D., *Livestock and Tick Erad. Specialist.*
‡E. W. Neasham, B. S., *Dairy Specialist.*
‡G. H. Reymond, B. S., *Asst. Dairy Specialist.*
*C. H. Staples, B. S., *Prof. Dairying.*
‡H. L. Williams, *Poultry Specialist.*
‡Elsmer Wilson, B. S., *Poultry Club Specialist.*
Botany and Bacteriology: *†C. W. Edgerton, Ph. D., *Prof. Bot.; Plant Path.*
*C. F. Moreland, M. S., *Assoc. Prof. Bot. and Bact.*
†E. C. Tims, Ph. D., *Asst. Plant Path.*
Chemistry: †A. P. Kerr, M. S., *Chief Chem.*
*C. E. Coates, Ph. D., *Prof. Chem., Dean of Sugar School.*

Chemistry—Continued.
‡D. N. Barrow, B. S., *Sugar Cane Specialist.*
†W. P. Denson, B. S., *Asst. Chem.*
†J. L. Farr, M. S., *Asst. Chem.*
†J. H. Jolly, B. S., *Asst Chem.*
*W. A. Kramer, M. S., *Instr. Chem.*
*R. L. Menville, M. S., *Assoc. Prof. Chem.*
*F. J. Robichaux, B. A., *Instr. Chem*
Editorial and Publicity: ‡B. B. Mackay, *Editor.*
‡Marjorie B. Arbour, B. S., *Asst. Editor*
Education (Agr.): *J. G. Lee, jr., B. S., *Prof. Agr. Ed.*
Engineering (Agr.): *E. B. Doran, B. S., *Prof. Farm Mech.*
*C. R. Neff, B. S., *Instr. Farm Mech.*
Entomology—*See* **Zoology.**
Extension (Admin.): [1] Director Perkins *in charge and State Agt.*
‡W. B. Mercier, B. S., *Asst. Dir.*
‡Norma Overbey, B. S., *State Home Dem. Agt.*
‡W. C. Abbott, M. S., *State Club Agt.*
‡C. B. Haddon, B. S., *Asst. State Agt. (Crop Clubs).*
‡I. B. Kerlin, B. S., *Asst. State Club Agt.*
‡M. M. La Croix, B. S., *Asst. State Agt. (An. Clubs).*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Extension (Admin.)—Continued.
‡Mary Mims, *Asst. State Home Dem. Agt.*
‡L. E. Perin, *Asst. State Agt.*

Home Economics: *Mattie R. Sebastian, M. A., *Director.*
*Rosemond H. Kedzie, B. S., *Assoc. Prof. Home Econ.*
*Hazel Baker, B. S., *Instr. Home Econ.*
*Mrs. W. W. Nuckols, M. A., *Instr. Home Econ.*
‡Mina A. Willis, M. S., *Foods and Nutr. Specialist.*

Horticulture and Forestry: *J. G. Lee., sr., B. S., *Prof. Hort., For.*
‡H. W. Fristoe, B. S., *Garden Specialist.*
†‡G. L. Tiebout, B. S., *Hort.*
‡Montford Hull, *Asst. Hort. Specialist.*

Physics: *D. V. Guthrie, Ph. D., *Prof. Phys.*
*R. C. Keen, B. S., *Instr. Phys.*

Veterinary Science: *†W. H. Dalrymple, M. R. C. V. S., *Prof. Vet. Sci.; Assoc. Dir. of Stas.*
*†Harry Morris, V. D. M., *Instr. Vet. Sci.; Bact. and Asst. Vet.*

Zoology and Entomology: *W. H. Gates, A. B., *Prof. Zool. and Ent.*

Zoology and Entomology—Continued.
*†‡W. E. Hinds, Ph. D., *Prof. Ent.; Ent.*
*Ellinore H. Behre, Ph. D., *Assoc. Prof. Zool.*
†W. G. Bradley, B. S., *Asst. Ent.*
‡E. C. Davis, *Specialist in Bee Culture.*
*Mrs. Morris Faures, B. A., *Instr. Zool.*
*O. W. Rosewall, M. S., *Prof. Ent.*
*H. A. Stabe, M. S., *Instr. Ent.*

Miscellaneous:
*Annie M. Beale, *Libr.*
†‡J. K. McHugh, *Libr.*
*†‡R. P. Swire, B. A., *Treas.*

Branch Stations: W. R. Dodson, B. S., A. B., *Dir. of Stations.*
Fruit and Truck Sta., *P. O., Hammond*—B. Szymoniak, B. S., *Supt. in charge.*
North La. Sta., *P. O., Calhoun*—Sydney Stewart, *Supt. in charge.*
Rice Sta., *P. O. Crowley*—J. M. Jenkins, B. S., *Supt. in charge (Coop. U. S. D. A.).*
Sugar Station (Field Work), *P. O., Baton Rouge*—W. G. Taggart, B. S., *Asst. Dir.*
Sugar Station Labs., *P. O., New Orleans*—J. F. Brewster, Ph. D., *Research Chem.*
W. L. Owen, B. S., *Research Bact*

Southern University and Agricultural and Mechanical College of the State of Louisiana, *Scotlandville*

*Agricultural faculty

*J. S. Clark, A. M., Ph. D., *President*

*L. C. Bowling, A. B., D. V. M., *Agr., An Husb.*
*Rebecca Franklin, *Cooking.*
*L. J. Gurst, *Agr.*
*Cornelius King, *Voc. Agr.*
*Mrs. Emma N. Maberry, *Dir. Home Econ.*
*Ethel L. Mitchell, *Cooking.*
*Anita Nesbitt, *Sewing.*
*J. H. Theus, *Agr.*
*Louise Walton, *Sewing, Millinery.*
*Catherine Watkins, *Home Crafts.*

MAINE

College of Agriculture and the Agricultural Experiment Station of the University of Maine, *Orono*

*College faculty. †Station staff.. ‡Extension staff

*C. C. Little, Sc. D., LL.D., *President of University*
*‡L. S. Merrill, M. D., D. Sc., *Dean Coll. of Agr., Dir. Agr. Ext. Service*
†W. J. Morse, Ph. D., Sc. D., *Dir. of Sta.*

Agronomy: *G. E. Simmons, D. Sc., *Prof. Agron.*
‡A. K. Gardner, B. S., *Crops Specialist.*
*B. C. Helmick, M. S., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Instr. Agron.*

Animal Industry: *L. S. Corbett, M. S., *Prof. An. Indus.*
*L. M. Dorsey, M. S., *Assoc. Prof. An. Indus.*
*L. P. Gardner, M. S., *Asst. Prof. Poultry Husb.*
*H. W. Hall, B. S., *Instr. An. Indus.*
‡R. F. Talbot, B. S., *Dairy Specialist.*
‡O. M. Wilbur, M. S., *Poultry Specialist.*

Bacteriology: *F. L. Russell, B. S., V. S., *Prof. Bact. and Vet. Sci.*
*E. R. Hitchner, M. S., *Assoc. Prof. Bact.*

Biology: *P. W. Whiting, Ph. D., *Prof. Biol.*
†J. W. Gowen, Ph. D., *Biol.*
†Karl Sax, D. Sc., *Biol.*
*C. H. Batchelder, M. S., *Assoc. Prof. Biol.*
*I. H. Blake, A. M., *Assoc. Prof. Biol.*
*W. H. Eyster, Ph. D., *Assoc. Prof. Biol.*
†Marjorie E. Gooch, M. S., *Asst. in Biol.*
*P. A. Harriman, B. A., *Instr. Biol.*
*E. D. Hull, M. S., *Instr. Biol.*
*Beatrice W. Johnson, B. A., *Asst. in Biol.*
*E. Elizabeth Jones, M. A., *Instr. Biol.*
†Iva A. Merchant, B. S., *Sci. Aid.*
†H. B. Smith, M. S., *Asst. Biol.*
†Emmeline D. Wilson, *Lab. Asst. in Biol.*
*Helen Woodbridge, M. S., *Instr. Biol.*

Chemistry: *L. H. Merrill, Sc. D., *Prof. Biological and Agr. Chem.*
†J. M. Bartlett, M. S., *Chem.*
*H. W. Smith, M. S., *Asst. Prof. Biochem.*
†E. R. Tobey, M. S., Ch. E., *Assoc. Chem.*
†C. H. White, Ph. C., *Asst. Chem.*
Economics (Agr.): *C. H. Merchant, M. S., *Prof. Agr. Econ. and Farm Mgt.*
Education (Agr.): *H. S. Hill, A. B., *Prof. Agr. Ed.*
Entomology: †Edith M. Patch, Ph. D., *Ent.*
†Alice W. Averill, *Lab. Asst. Ent.*
Extension (Admin.): [1] Director Merrill *in charge*
‡A. L. Deering, B. S., *County Agt. Leader.*
‡Rosalind M. Jewett, B. S., *State Home Dem. Leader.*
‡L. D. Shibles, A. B., *State Club Leader.*
‡M. D. Jones, B. S., *Farm Mgt. Dem.*
‡Arra S. Mixter, *Asst. State Club Leader.*
‡F. G. Averill, B. A., *Agr. Editor.*
Forestry: *J. M. Briscoe, M. F., *Prof. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*

Forestry—Continued.
*D. B. Demeritt, M. F., *Instr. For.*
‡M. E. Watson, B. S., *For. Specialist.*
Home Economics: *Esther McGinnis, M. S., *Prof. Home Econ.*
*Louise Bancroft, B. S., *Asst. Prof. Home Econ.*
*Rena Campbell, B. S., *Instr. Home Econ.*
‡Edna M. Cobb, *Clothing Specialist.*
*Pearl S. Greene, M. A., *Assoc. Prof. Home Econ.*
‡M. Eleanor Jackson, B. S., *Nutr. Specialist.*
Horticulture: *H. P. Sweetser, B. S., *Prof. Hort.*
*W. W. Wiggin, M. S., *Asst. Prof Hort.*
Plant Pathology: †Donald Folsom, Ph. D. *Plant Path.*
†Reiner Bonde, B. S., *Asst. Plant Path.*
†Louise M. Baker, *Lab. Asst. in Plant Path.*
Substations:
Aroostook Farm, *P. O., Presque Isle*—Perley Downing, *Supt.*
Highmoor Farm, *P. O., Monmouth*—Wellington Sinclair, *Supt.*

MARYLAND

College of Agriculture, Agricultural Experiment Station, and the Extension Service of the University of Maryland, *College Park*

*College faculty. †Station staff. ‡Extension staff

*A. F. Woods, A. M., D. Agr., LL. D., *President of University*
*P. W. Zimmerman, M. S., *Dean Coll. of Agr. Prof. Plant Physiol. and Ecology*
†H. J. Patterson, D. Sc., *Dir. of Sta.*
‡T. B. Symons, M. S., D. Agr., *Dir. of Ext. Service*

Agronomy: *†J. E. Metzger, B. S., *Prof. Agron.; Agron.*
*G. F. Eppley, B. S., *Asst. Prof. Agron.*
*†W. B. Kemp, B. S., *Assoc. Prof. Genetics and Agron.; Assoc. Agron.*
‡F. W. Oldenburg, B. S., *Agron. Specialist.*
†R. L. Sellman, B. S., *Asst. Agron.*
Animal Industry: *††DeVoe Meade, Ph. D., *Prof. An. Husb.; An. Husb.*
*††J. A. Gamble, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*†R. H. Waite, B. S., *Prof. Poultry Husb.; Poultry Husb.*
†H. R. Bierman, M. S., *Asst. Dairy Husb.*
‡B. E. Carmichael, M. S., *An. Husb. Specialist.*
*K. A. Clark, M. S., *Asst. Prof. An. Husb.*
‡J. A. Conover, B. S., *Dairy Specialist.*
*†F. J. Doan, B. S., *Instr. and Asst. in Dairy Husb.*
*S. H. Harvey, M. S., *Asst. Prof. Dairy Husb.*
*L. W. Ingham, M. S., *Instr. Dairy Husb.*
‡W. H. Rice, B. S., *Poultry Specialist.*
*G. O. Smith, M. S., *Asst. Prof. An. Husb.*
Bacteriology: *†E. M. Pickens, D. V. M., A. M., *Prof. Bact.; An. Path.*
†W. R. Crawford, D. V. M., *Asst. Path.*
*†L. J. Poelma, D. V. M., *Asst. Prof. Dairy Bact.; Asst. An. Path.*
*R. C. Reed, Ph. B., D. V. M., *Prof. An. Path.*
*M. F. Welsh, D. V. M., *Asst. Prof. Bact.*

Botany: †J. B. S. Norton, D. Sc., *Bot. and Plant Path.*
†F. S. Holmes, M. S., *Seed Insp.*
†Anna M. Hook, *Asst. in Seed Insp.*
†Olive M. Kelk, *Asst. in Seed Insp.*
†Ruth M. Mostyn, *Asst. in Seed Insp.*
†Isabella Veitch, *Asst. in Seed Insp.*
Chemistry: Director Patterson, *Sta. Chem.*
*N. E. Gordon, Ph. D., *Prof. Phys. Chem. (State Chem.).*
*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
*L. B. Broughton, M. S., *Prof. Indus. Chem.*
†H. B. McDonnell, M. S., M. D., *Chem. in An. Path. Invest.*
*R. C. Wiley, M. S., *Assoc. Prof. Chem.*
Education (Agr.): [2] *H. F. Cotterman, M. A., *Prof. Agr. Ed.*
*F. D. Day, B. S., *Instr. Agr. Ed.*
‡C. S. Richardson, A. M., *Specialist in Ed. Ext.*
Engineering (Agr.): *‡R. W. Carpenter, A. B., *Prof. Farm Engin.*
Entomology: *††E. N. Cory, M. S., *Prof. Ent.; Ent. (State Ent.).*
†R. C. Burdette, B. S., *Asst. Ent.*
†C. C. Hamilton, M. S., *Assoc. Ent.*
*C. J. Pierson, M. A., *Prof. Zool.*
‡P. D. Sanders, M. S., *Asst. Ent.*
*R. V. Truitt, M. S., *Prof. Aquiculture.*
Extension (Admin.): [1] Director Symons *in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Courses given in College of Education.

Extension (Admin.)—Continued.
‡F. B. Bomberger, D. Sc., *Asst. Dir. and Specialist in Rural Organ. and Marketing.*
‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
‡E. G. Jenkins, *State Boys' Club Agt.*
‡Dorothy Emerson, *State Girls' Club Agt.*

Farm Management and Economics: *‡W. T. L. Taliaferro, D. Sc., *Prof. Farm Mgt.*
*‡S. H. DeVault, Ph. D., *Prof. Agr. Econ.*
‡S. B. Shaw, B. S., *Chief Insp. and Marketing Specialist.*

Forestry: *F. W. Besley, M. F., D. Sc., *Lect. on For. (State For.).*

Home Economics: *M. Marie Mount, A. M., *Prof. Home and Institutional Mgt. and Actg. Dean Coll. of Home Econ.*
‡Jessie Campbell, B. S., *Nutr. Specialist.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*
‡Bertha Knight, B. S., *Clothing Specialist.*
*Mrs. Frieda M. McFarland, A. B., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, B. S., *Prof. Home Econ. Ed.*
*Mrs. Claribel P. Welsh, B. S., *Asst. Prof. Foods.*

Horticulture: *†‡E. C. Auchter, Ph. D., *Prof. Hort.; Hort.*
‡W. R. Ballard, B. S., *Landsc. and Veg. Gard. Specialist.*
*J. B. Blandford, *Instr. and Hort. Supt.*
*†V. R. Boswell, M. S., *Instr. Hort.; Asst. in Veg. Gard.*
*†F. W. Geise, M. S., *Prof. Olcr.; Veg. Brdg.*

Horticulture—Continued.
†A. L. Schrader, M. S., *Asst. Pomol.*
*A. S. Thurston, M. S., *Asst. Prof. Flor. and Landsc. Gard.*
†T. H. White, M. S., *Veg. and Flor. Work.*
*W. E. Whitehouse, M. S., *Asst. Prof. Pomol.*

Journalism: *‡M. D. Bowers, A. B., *Instr. and Specialist in Agr. Journalism.*

Plant Pathology: *‡C. E. Temple, M. A., *Prof. Plant Path. (State Plant Path.).*
†W. N. Ezekiel, Ph. D., *Asst. in Plant Path.*
‡M. A. Hunter, *Asst. Plant Path.*
†‡R. A. Jehle, Ph. D., *Plant Path.*

Plant Physiology and Biochemistry: *†C. O. Appleman, Ph. D., *Prof. Plant Physiol. and Biochem.; Plant Physiol.*
*†C. M. Conrad, M. S., *Asst. Plant Physiol.*
*†E. S. Johnston, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†W. D. Kimbrough, M. S., *Asst. in Plant Physiol.*

Soils: *†A. G. McCall, Ph. D., *Prof. Geol. and Soils; in charge Soil Invest.*
*O. C. Bruce, M. S., *Prof. Soils; Assoc. in Soil Survey.*
†A. M. Smith, M. S., *Assoc. in Soils.*
†J. M. Snyder, M. S., *Asst. in Soil Invest.*
†H. B. Winant, B. S., *Asst. in Soil Invest.*

Miscellaneous:
*Grace Barnes, B. S., B. L. S., *Libr.*

Substations:
Ridgely Farm, *P. O., Ridgely*—Albert White, B. S., *Supt.*

Princess Anne Academy for Colored Persons, *Princess Anne*

*Agricultural faculty. ‡Extension staff

*J. O. Spencer, Ph. D., *President (P. O., Baltimore)*
*T. H. Kiah, Ped. D., *Principal. Theory of Agr.*

*C. E. Clark, *An. Husb.*
‡Louis Martin, *County Agr. Dem.*
*Laura V. Mullins, *Dom. Art.*
*J. E. Smith, *Agr. and Chem.*
*Barton White, *Hort.*

MASSACHUSETTS

Massachusetts Agricultural College and the Agricultural Experiment Station, *Amherst*

*College faculty. †Station staff. ‡Extension staff

*E. M. Lewis, A. M., *Dean of Coll. and Actg. President*
†S. B. Haskell, B. S., *Dir. of Sta.*
‡J. D. Willard, B. A., *Dir. of Ext. Service*

Agronomy: *†A. B. Beaumont, Ph. D., *Head of Dept. Prof. Soils.*
‡J. B. Abbott, M. S., *Ext. Prof. Agron.*
†J. P. Jones, M. S., *Asst. Research Prof. Agron.*
*W. P. Jones, B. S., *Instr. Agron.*
*M. O. Lanphear, B. S., *Asst. Prof. Agron.*
*C. A. Michels, M. S., *Asst. Prof. Agron.*
*C. H. Thayer, *Instr. Agron.*

Animal Industry: *†——— ———, *Head Dept. of An. Husb.*
*†H. F. Judkins, B. S., *Head Dept. of Dairy Husb.*
*†J. C. Graham, B. S., *Head Dept. of Poultry Husb.*
†J. R. Alcock, *Lab. Asst. in An. Nutr.*

Animal Industry—Continued.
*Luther Banta, B. S., *Asst. Prof. Poultry Husb.*
‡C. J. Fawcett, B. S., *Ext. Prof. An. Husb.*
*G. V. Glatfelter, M. S., *Asst. Prof. An. Husb.*
†F. A. Hays, Ph. D., *Research Prof. Poultry Husb.*
‡W. P. B. Lockwood, M. S., *Ext. Prof. Dairying.*
‡W. C. Monahan, B. S., *Ext. Prof. Poultry Husb.*
*J. W. Patton, D. V. M., M. S., *Asst. Prof. Poultry Husb.*
*H. L. Pendleton, B. S., *Instr. Dairying.*
*Marion C. Pulley, B. S., *Instr. Poultry Husb.*
*V. A. Rice, M. Agr., *Asst. Prof. An. Husb.*

Animal Industry—Continued.
†Ruby Sanborn, A. B., *Invest. in Poultry Husb.*
*W. C. Sanctuary, B. S., *Prof. Poultry Husb.*
*R. W. Smith, jr., B. S., *Instr. Dairying.*
*W. C. Thayer, B. S., *Instr. An. Husb.*
*T. G. Yaxis, M. S., *Asst. Prof. Dairying.*

Botany: *†A. V. Osmun, M. S., *Head of Dept.*
†A. S. Ball, *Lab. Asst. in Bot.*
*†O. L. Clark, B. S., *Asst. Prof. Bot.*
*W. H. Davis, Ph. D., *Asst. Prof. Bot.*
†W. L. Doran, M. S., *Asst. Research Prof. Bot. (P. O., Waltham).*
*F. A. McLaughlin, B. S., *Asst. Prof. Bot.*
†Gladys I. Miner, *Curator, Dept. of Bot.*
*R. E. Torrey, Ph. D., *Asst. Prof. Bot.*

Chemistry: *†J. B. Lindsey, Ph. D., *Head Dept. of Agr. Chem. Vice Dir. of Sta.*
†H. L. Allen, *Lab. Asst. in Chem.*
†J. G. Archibald, M. S., *Asst. Research Prof. Chem.*
*J. S. Chamberlain, Ph. D., *Prof. Org. and Agr. Chem.*
†G. B. Dalrymple, *Analyst in Fert. Control.*
†G. M. Gilligan, B. S., *Invest. in Chem.*
†H. D. Haskins, B. S., *Chem. in Fert. Control.*
†E. B. Holland, Ph. D., *Research Prof. Chem.*
†J. T. Howard, *Insp.*
†C. P. Jones, M. S., *Asst. Research Prof. Chem.*
†F. J. Kokoski, B. S., *Analyst.*
†F. W. Morse, M. S., *Research Prof. Chem.*
*C. A. Peters, Ph. D., *Prof. Inorg. and Soil Chem.*
*A. W. Phillips, A. M., *Instr. Chem.*
*Paul Serex, jr., Ph. D., *Asst. Prof. Chem.*
†P. H. Smith, M. S., *Chem. in Fert. Control.*
†L. S. Walker, B. S., *Asst. Chem. in Fert. Control.*

Economics (Agr. and Sociol.): *†A. E. Cance, Ph. D., *Head Dept. of Agr. Econ.*
†Lorian P. Jefferson, A. M., *Asst. Research Prof. Agr. Econ.*
‡R. J. McFall, Ph. D., *Ext. Prof. Agr. Econ.*
*D. W. Sawtelle, M. S., *Asst. Prof. Agr. Econ.*
*N. L. Sims, Ph. D., *Prof. Rural Sociol.*
*H. W. Yount, M. S., *Instr. Agr. Econ.*

Education (Agr.): *W. S. Welles, B. S., *Head of Dept.*
*H. N. Glick, Ph. D., *Prof. Agr. Ed.*

Engineering (Rural): *†C. I. Gunness, B. S. *Head of Dept.*
*J. B. Newlon, *Instr. Rural Engin.*
*G. F. Pushee, *Instr. Rural Engin.*
*J. L. Strahan, M. S., *Asst. Prof. Rural Engin.*

Entomology: *†H. T. Fernald, Ph. D., *Head of Dept.*
*C. P. Alexander, Ph. D., *Asst. Prof. Ent.*
†A. I. Bourne, B. A., *Asst. Research Prof. Ent.*
*M. H. Cassidy, B. S., *Asst. Prof. Beekeeping.*
*G. C. Crampton, Ph. D., *Prof. Insect Morphol.*
†D. S. Lacroix, B. S., *Invest. in Ent.*

Extension (Admin.): [1] Director Willard *in charge.*
‡R. W. Redman, B. S., *Asst. Dir.*
‡S. R. Parker, B. S., *County Agt. Leader.*
‡Lucile W. Reynolds, B. S., *State Home Dem. Leader.*

Extension (Admin.)—Continued.
‡G. L. Farley, M. S., *State Club Leader.*
‡R. D. Hawley, B. S., *Supvr. Ext. Schools and Exhibits.*
‡W. F. Howe, *Asst. State Club Leader.*
‡E. H. Nodine, B. S., *Asst. State Club Leader.*
‡Harriet M. Woodward, B. S., *Asst. State Club Leader.*

Farm Management: *†J. A. Foord, M. S., *Head of Dept.*
*M. F. Abell, Ph. D., *Asst. Prof. Farm Mgt.*
‡F. H. Branch, *Farm Mgt. Ext.*

Forestry: *L. R. Grose, M. F., *Head of Dept.*

Home Economics: *Edna L. Skinner, B. S., *Head of Dept.*
*Mary A. Bartley, B. S., *Instr. Home Econ.*
*Margaret Hamlin, A. B., *Agr. Counsellor for Women.*
*Helen Knowlton, M. A., *Asst. Prof. Home Econ.*
‡Marion L. Tucker, B. S., *Asst. Ext. Prof. Home Econ.*
‡Mildred L. Wood, A. B., *Asst. Ext. Prof. Nutr.*

Horticulture: *†F. A. Waugh, M. S., *Head Div. of Hort. and of Dept. of Landsc. Gard.*
*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*†F. C. Sears, M. S., *Head Dept. of Pomol.*
†J. K. Shaw, Ph. D., *Research Prof. Pomol.*
*C. L. Thayer, B. S., *Head Dept. of Flor.*
†J. S. Bailey, M. S., *Invest. in Pomol.*
‡W. R. Cole, *Ext. Asst. Prof. Hort. Mfrs.*
*‡L. S. Dickinson, B. S., *Asst. Prof. Hort.*
*B. D. Drain, B. S., *Asst. Prof. Pomol.*
*A. P. French, M. S., *Instr. Pomol.*
*Prentiss French, M. L. A., *Asst. Prof. Landsc. Gard.*
*A. K. Harrison, *Asst. Prof. Landsc. Gard.*
‡R. M. Koon, M. S., *Ext. Prof. Veg. Gard. (P. O., Waltham).*
*R. T. Muller, M. S., *Asst. Prof. Flor.*
*G. J. Raleigh, M. S., *Instr. Pomol.*
*W. F. Robertson, B. S., *Instr. Hort. Mfrs.*
*R. W. Rogers, B. S., *Asst. Prof. Hort.*
*G. B. Snyder, B. S., *Instr. Veg. Gard.*
‡W. H. Thies, B. S., *Ext. Asst. Prof. Pomol.*
*C. H. Thompson, M. S., *Asst. Prof. Hort.*
†V. A. Tiedjens, M. S., *Asst. Research Prof. Veg. Gard. (P. O., Waltham).*
*R. A. Van Meter, B. S., *Prof. Pomol.*
†H. E. Wilson, *Lab. Asst. in Pomol.*

Microbiology: *†C. E. Marshall, Ph. D., *Head of Dept. Dir. of Grad. School.*
*Mary E. M. Garvey, B. S., *Instr. Microbiol.*
*J. B. Nelson, Ph. D., *Instr. Microbiol.*
*†C. H. Werkman, Ph. D., *Asst. Prof. Microbiol.*

Physics: ——— ——— *Head of Dept.*
*G. W. Alderman, A. B., *Instr. Phys.*

Veterinary Science: *†G. E. Gage, Ph. D., *Head of Dept. Prof. An. Path.*
†J. B. Lentz., A. B., V. M. D., *Asst. Research Prof. Vet. Sci.*
†J. J. McDermott, *Tech. Asst. in Vet. Sci. and An. Path.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Veterinary Science—Continued.
†N. J. Pyle, V. M. D., *Asst. Research Prof. Avian Path.*

Zoology and Geology: *C. E. Gordon, Ph. D., *Head of Dept.*
*G. C. Ring, M. A., *Instr. Zool.*

Miscellaneous:
†F. Ethel Felton, B. A., *Editorial Asst.*
†E. F. Gaskill, B. S., *Asst. to Sta. Dir.*
*†Basil Wood, *Libr.*

Miscellaneous—Continued.
*†F. C. Kenney, *Treas.*
†J. E. Ostrander, A. M., C. E., *Met.*
*R. H. Verbeck, B. S., *Dir. of Short Courses.*
*R. J. Watts, B. S., *Secy.*

Substations:
Cranberry Substa., *P. O., East Wareham*—H. J. Franklin, Ph. D., *Supt.*
Market Garden Field Sta., *P. O., Waltham*———— ——— ——— *in charge.*

MICHIGAN

The Michigan Agricultural College and the Agricultural Experiment Station, *East Lansing*

*College faculty. †Station staff. ‡Extension staff

*K. L. Butterfield, A. M., LL.D., *President.*
*††R. S. Shaw, D. Agr., *Dean of Agr., Dir. of Sta.*
‡R. J. Baldwin, B. S., *Dir. of Ext. Work.*

Animal Industry: *†G. A. Brown, B. S., *Head of An. Husb. Dept.*
*†O. E. Reed, M. S., *Head of Dairy Husb. Dept.*
——— ——— *Head of Poultry Husb. Dept.*
‡R. H. Addy, *Dairy Husb. Specialist.*
‡A. C. Baltzer, B. S., *Dairy Husb. Specialist.*
*†G. A. Branaman, B. S., *Instr. and Asst. An. Husb.*
*†J. E. Burnett, M. Agr., *Assoc. Prof. Dairy Husb.; Research Assoc. in Dairying.*
*C. G. Card, B. S., *Asst. Prof. Poultry Husb.*
*†W. E. J. Edwards, B. S., *Assoc. Prof. and Research Asst. in An. Husb.*
*C. M. Ferguson, B. S., *Asst. Prof. Poultry Husb.*
‡V. A. Freeman, B. S., *An. Husb. Specialist.*
‡George Girrbach, M. S., *Dairy Specialist.*
‡J. A. Hannah, B. S., *Poultry Specialist.*
‡J. G. Hays, B. S., *Dairying Specialist.*
*R. S. Hudson, B. S., *Farm Supt.*
†C. F. Huffman, M. S., *Research Asst. in Dairying.*
*W. B. Jones, B. S., *Instr. Dairy Husb.*
*†P. S. Lucas, B. S., *Assoc. Prof. Dairy Mfrs.; Research Assoc. in Dairying.*
*†A. C. Weimar, B. S., *Assoc. Prof. Dairy Mfrs.; Research Assoc. in Dairying.*
‡O. J. Weisner, B. S., *Poultry Specialist.*
‡J. G. Wells, jr., B. S., *Dairy Specialist.*
*William Wise, *Foreman of Poultry Plant.*

Botany: *†E. A. Bessey, Ph. D., *Head of Dept.*
†C. W. Bennett, M. S., *Research Asst. in Plant Path.*
*†G. H. Coons, Ph. D., *Assoc. Prof. and Assoc. Bot., in charge Plant Path.*
*H. T. Darlington, Ph. D., *Assoc. Prof. Bot.*
*Richard de Zeeuw, Ph. D., *Assoc. Prof. Bot.*
*Geza Doby, Ph. D., *Visiting Prof. Bot.*
*†R. P. Hibbard, Ph. D., *Assoc. Prof. Bot.; Research Assoc. in Plant Physiol.*
†J. E. Kotila, M. S., *Research Asst. in Bot.*
†Ray Nelson, B. S., *Research Asst. in Plant Path.*
*Bertha E. Thompson, M. A., *Asst. Prof. Bot.*
*E. F. Woodcock, Ph. D., *Asst. Prof. Bot.*

Chemistry: *A. J. Clark, A. B., *Prof. and Head of Dept.*
†A. J. Patten, B. S., *Chem.*

Chemistry—Continued.
*C. D. Ball, B. S., *Asst. Prof. Chem.*
*R. L. Baxter, B. S., *Instr. Chem.*
*D. T. Ewing, Ph. D., *Assoc. Prof. Chem.*
*B. E. Hartsuch, A. B., *Assoc. Prof. Chem.*
*R. C. Huston, Ph. D., *Assoc. Prof. Chem.*
*H. D. Lightbody, M. S., *Asst. Prof. Chem.*
*W. C. Lewis, M. A., *Instr. Chem.*
*F. H. Maxfield, B. S., *Instr. Chem.*
†E. J. Miller, Ph. D., *Research Assoc. in Chem.*
*H. S. Reed, B. S., *Assoc. Prof. Chem.*
†C. S. Robinson, Ph. D., *Research Assoc. Chem.*
†D. D. Sager, B. S., *Asst. Chem.*
†O. B. Winter, A. B., *Research Assoc. Chem.*

Economics (Agr.): *W. O. Hedrick, Ph. D., *Prof. Econ.*
‡W. C. Cribbs, *Agt. in Marketing.*
*C. S. Dunford, M. A., *Assoc. Prof. Econ.*
*E. A. Gee, A. B., *Asst. Prof. Econ.*
*J. T. Horner, M. A., *Assoc. Prof. Econ. and Accounting.*
‡Gifford Patch, jr., B. S., *Market Specialist.*
*†F. T. Riddell, B. S., *Instr. and Asst. Farm Mgt.*

Education (Agr.): *John Phelan, A. M., *Head of Dept., and Asst. to Pres.*
*Katherine C. Andrews, *Critic Teacher in Home Econ.*
*E. L. Grover, B. S., *Assoc. Prof. Agr. Ed.*
*Minnie Irons, M. S., *Itinerant Teacher Training.*
*R. S. Linton, B. S., *Critic Teacher.*
*B. A. Walpole, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.): *†H. H. Musselman, B.S., *Head of Dept.*
‡George Amundson, *Agr. Engin. Specialist (P. O., Marquette).*
*†F. E. Fogle, B. S., *Asst. Prof. and Asst. in Agr. Engin.*
*†H. J. Gallagher, M. Agr., *Instr. and Asst. in Agr. Engin.*
*R. E. Hammond, *Instr. Agr. Engin.*
‡N. A. Kessler, B. S., *Agr. Engin. Specialist.*
‡L. F. Livingston, B. S., *Agr. Engin. Specialist.*
††O. E. Robey, B. S., *Asst. in Agr. Engin., Drainage Specialist.*
*†E. C. Sauve, B. S., *Asst. Prof. and Asst. in Agr. Engin.*

Entomology: *†R. H. Pettit, B. S., *Head of Dept.*
‡Edwin Ewell, *Specialist in Apiculture.*
†L. G. Gentner, M. S., *Asst. Ent.*
‡J. H. Harman, B. S., *Specialist in Insect Control.*
*R. H. Kelty, B. S., *Asst. Prof. Apiculture.*
*J. C. Kremer, *Instr. Apiculture.*
*†Eugenia I. McDaniel, A. B., *Assoc. Prof. and Research Asst. Ent.*

Extension (Admin.):[1] Director Baldwin *in charge.*
‡——— ———, *Asst. Dir. in charge County Agt. Work and Markets.*
‡Mrs. Louise H. Campbell, B. S., *State Home Dem. Leader.*
‡A. G. Kettunen, B. S., *State Club Leader.*
‡E. G. Amos, B. S., *Asst. County Agt. Leader (P. O., Marquette).*
‡C. V. Ballard, B. S., *Asst. County Agt. Leader.*
‡Julia E. Brekke, M. A., *Asst. State Home Dem. Leader.*
‡R. G. Carr, B. S., *Asst. County Agt. Leader.*
‡L. W. Feighner, *Rural Press Work.*
‡J. B. Hasselman, A. B., *Supvr. Publicity Work.*
‡Mrs. Ruth C. Kettunen, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡K. H. McDonel, B. S., *Asst. to Dir.*
‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡Harriet Wilder, A. B., *Asst. State Club Leader.*
‡Sylva Wixson, B. S., *Asst. State Club Leader.*
‡Bernice Woodworth, B. S., *Asst. State Home Dem. Leader (P. O., Marquette).*

Farm Crops: *†J. F. Cox, B. S., *Head of Dept.*
*†H. M. Brown, M. S., *Instr. and Research Asst. in Farm Crops.*
*†C. E. Cormany, M. S., *Asst. Prof. and Asst. in Farm Crops.*
*†E. E. Down, B. S., M. Agr., *Asst. Prof. and Research Assoc. in Farm Crops (Coop. U. S. D. A.).*
*†J. R. Duncan, *Instr. and Asst. in Farm Crops.*
*G. S. Getman, *Field Foreman in Farm Crops, Instr. Farm. Mech.*
‡L. D. Kurtz, B. S., *Farm Crops Specialist.*
†J. G. Lill, M. S., *Sugar Beet Invest. (Coop. U. S. D. A.).*
*†C. R. Megee, A. M., *Assoc. Prof. and Research Assoc. in Farm Crops.*
‡P. R. Miller, B. S., *Farm Crops Specialist.*
†‡H. C. Moore, B. S., *Research Asst. in Farm Crops, Potato Specialist.*
*†H. R. Pettigrove, B. S., *Instr. and Research Asst. in Farm Crops.*
†‡D. F. Rainey, B. S., *Asst. in Farm Crops.*
‡H. C. Rather, B. S., *Farm Crops Specialist.*
†‡J. W. Weston, B. S., *Research Asst. in Farm Crops, Potato Specialist.*

Forestry: *†A. K. Chittenden, M. F., *Head of Dept.*
*J. C. DeCamp, M. F., *Asst. Prof. For.*
*†P. A. Herbert, M. F., *Asst. Prof. and Asst. For.*

Home Economics: *Jean Krueger, Ph. B., M. S., *Dean of Div.*
*Anna Bayha, B. A., *Assoc. Prof. Clothing.*
*Elizabeth Bemis, B. S., *Supvr. Institutional Mgt.*
*Louise I. Clemens, B. S., *Assoc. Prof. Home Econ.*
*Grace Cone, *Instr. Home Econ.*

Home Economics—Continued.
*Ruth M. Cowan, M. S., *Asst. Prof. Home Econ.*
*Marie Dye, Ph. D., *Assoc. Prof. Home Econ.*
*Emma P. Garrison, B. S., *Asst. Prof. Home Econ. Ed.*
*Winifred S. Gettemy, *Assoc. Prof. Household Art.*
*Irma H. Gross, B. S., *Instr. Home Econ. and Voc. Ed.*
*Josephine Hoffarth, Ph. B., *Instr. Home Econ.*
*Osee Hughes, B. A., *Assoc. Prof. Household Sci.*
‡Martha M. Hunter, A. B., *Nutr. Specialist.*
*Emma D. Leland, B. S., *Asst. in Institutional Mgt.*
*Josephine H. Plattenburg, B. S., *Instr. Home Econ.*
*Mabel C. Rogers, M. A., *Asst. Prof. Home Econ. Ed.*
*Mary E. Shellenberger, B. S., *Instr. Home Econ.*
‡Mrs. M. R. Smith, B. S., *Household Mgt. Specialist.*
‡Agnes Sorenson, B. S., *Clothing Specialist.*
*Julia F. Tear, A. B., *Asst. Prof. Home Econ.*
*Ethel G. Webb, B. S., *Assoc. Prof. Home Econ.*

Horticulture: *†V. R. Gardner, M. S., *Head of Dept.*
*C. P. Halligan, B. S., *Head of Landsc. Gard.*
*†F. C. Bradford, M. S., *Assoc. Prof. and Assoc. Hort.*
‡H. A. Cardinell, B. S., *Hort. Specialist.*
†J. W. Crist, Ph. D., *Research Asst. in Hort.*
†W. C. Dutton, B. S., *Research Assoc. in Hort.*
*†J. B. Edmond, M. S., *Instr. and Asst. Hort.*
*Thomas Gunson, *Asst. Prof. Hort., Supt. of Grounds.*
‡H. D. Hootman, *Hort. Specialist.*
*†R. E. Loree, B. S., *Asst. Prof. and Asst. in Hort.*
*A. C. MacKay, B. S., *Instr. Landsc. Arch.*
*†R. E. Marshall, M. S., *Assoc. Prof. and Research Assoc. Hort.*
*†N. L. Partridge, Ph. D., *Asst. Prof. and Research Asst. in Pomol.*
†‡G. E. Starr, *Assoc. Hort. in charge Plant Brdg.*

Meteorology: *D. A. Seeley, M. S., *Instr. Met.*

Sociology (Rural): Eben Mumford, Ph. D., *Head of Dept.*

Soils: *†M. M. McCool, Ph. D., *Head of Dept.*
*S. G. Bergquist, A. B., *Asst. Prof. Geol.*
†G. J. Bouyoucos, Ph. D., *Research Assoc. in Soils.*
*C. W. Chapman, B. S., *Prof. Phys.*
*R. W. Gannett, E. M., *Instr. Geol.*
†‡G. M. Grantham, B. S., *Research Assoc. in Soils.*
*†‡P. M. Harmer, Ph. D., *Asst. Prof. and Research Assoc. in Soils.*
†J. S. Hyde, B. S., *Research Asst. in Soils.*
*W. E. Laycock, A. B., *Assoc. Prof. Phys.*
*†C. E. Millar, Ph. D., *Assoc. Prof. and Research Assoc. in Soils.*
*†O. B. Price, A. M., *Instr. and Research Asst. in Soils.*
†C. H. Spurway, M. Agr., *Research Assoc. in Soils.*

[1] For subject-matter workers see the respectivedivision, i. e., animal industry, botany, etc.

Soils—Continued.

†F. W. Trull, B. S., *Research Asst. in Soils.*

†James Tyson, B. S., *Research Asst. in Soils.*

†J. O. Veatch, A. B., *Research Assoc. in Soils.*

†A. G. Weidemann, B. S., *Research Asst. in Soils.*

*†L. C. Wheeting, M. S., *Asst. Prof. and Research Asst. in Soils.*

Veterinary Medicine: *†Ward Giltner, D. V. M., M. S., *Dean of Dept., Prof. Bact. and Hug.; Bact.*

*F. W. Chamberlain, B. S., D. V. M., *Prof. Anat.*

*†W. L. Chandler, Ph. D., *Asst. Prof. and Research Assoc. in Bact.*

†L. H. Cooledge, A. M., *Research Assoc. Bact.*

*†F. W. Fabian, B. S., *Assoc. Prof. Bact. and Hyg.; Research Assoc. in Bact.*

*†E. T. Hallman, D. V. M., *Assoc. Prof. An. Path.; An. Path.*

†I. F. Huddleson, M. S., *Research Assoc. Bact.*

*J. P. Hutton, D. V. M., *Assoc. Prof. Vet. Surg. and Med.*

*H. E. Johnson, D. V. M., *Asst. Prof. Anat.*

*A. Kotlan, V. M. D., *Visiting Prof. Bact.*

*†W. LeR. Mallman, M. S., *Asst. Prof. and Research Asst. Bact.*

*B. B. Roseboom, B. S., *Assoc. Prof. Physiol. and Pharmacol.*

Veterinary Medicine—Continued.

*†G. L. A. Ruehle, M. S., *Asst. Prof. and Research Assoc. Bact.*

*E. K. Sales, D. V. M., *Asst. Prof. Vet. Surg. and Med.*

*L. B. Sholl, B. S., D. V. M., *Asst. Prof. An. Path.*

†R. M. Snyder, Ph. D., *Research Assoc. in Bact.*

*†H. J. Stafseth, D. V. M., M. S., *Assoc. Prof. and Research Assoc. Bact.*

*O. A. Taylor, D. V. M., *Asst. Prof. Physiol. and Pharmacol.*

†Dorothy M. Yakeley, B. S., *Asst. in Bact.*

Zoology: *†H. R. Hunt, Ph. D., *Prof. Zool. and Gen.; An. Geneticist.*

*J. W. Stack, M. S., *Asst. Prof. Zool.*

Miscellaneous:

*R. M. Harford, *Photog.*

*†E. B. Hill, B. S., M. Agr., *Asst. to Dean and Dir.*

*†Mrs. Linda E. Landon, *Libr.*

Substations:

Graham Hort. Expt. Sta., *R. F. D. 7, Grand Rapids*—H. M. Wells, B. S., *Supt.*

South Haven Hort. Expt. Sta., *P. O. South Haven*—Stanley Johnston, B. S., *Supt.*

Upper Peninsula Expt. Sta., *P. O. Chatham*—G. W. Putnam, M. S., *Dir. and Research Assoc. in Farm Crops.*

MINNESOTA

Department of Agriculture (College of Agriculture, Forestry, and Home Economics, the School of Agriculture, and the Agricultural Experiment Station) of the University of Minnesota, *University Farm, St. Paul* •

*College faculty. †Station staff. ‡Extension staff

*L. D. Coffman, Ph. D., *President of University (P. O., Minneapolis)*

*†W. C. Coffey, M. S., *Dean Dept. of Agr., Dir. of Sta.*

*†E. M. Freeman, Ph. D., *Dean Coll. of Agr., For., and Home Econ.*

‡F. W. Peck, M. S., *Dir. of Agr. Ext. and Supt. of Farmers' Insts.*

Agronomy and Farm Management:

*†Andrew Boss, *Chief of Div. Vice Dir. of Sta.*

*†H. K. Hayes, D. Sc., *Prof. Plant Brdg.; Assoc. Agron. in charge Plant Brdg. (Coop. U. S. D. A.).*

†C. L. Alexander, *Asst. in Plant Brdg.*

*†A. C. Arny, M. S., *Assoc. Prof. and Assoc. Agron. in charge Farm Crops.*

*†L. B. Bassett, *Assoc. Prof. and Assoc. in Farm Mgt.*

*†H. E. Brewbaker, M. S., *Instr. and Asst. in Plant Brdg.*

‡W. L. Cavert, M. S., *Farm Mgt. Dem. Agt.*

†‡R. F. Crim, B. S., *Crop Specialist.*

*†L. F. Garey, M. A., *Asst. Prof. Farm Mgt.; Asst. in Farm Mgt. Invest.*

*†Fred Griffee, Ph. D., *Asst. Prof. and Asst. Agron.*

†August Haedecke, *Asst. in Agron.*

†A. T. Hoverstad, B. S., *Asst. in Farm Mgt.*

†S. E. Johnson, B. S., *Asst. in Farm Mgt.*

*†J. H. Lefforge, B. S., *Instr. and Asst. in Farm Crops.*

*†F. W. McGinnis, M. S., *Asst. Prof. and Asst. Agron.*

*†G. A. Pond, M. S., *Assoc. Prof. Farm Mgt.; Assoc. Agr. (Coop. U. S. D. A.).*

Agronomy and Farm Management—Contd.

*†F. H. Steinmetz, M. S., *Instr. Farm Crops; Asst. Agron.*

*W. I. Thomas, B. S., *Asst. in Farm Crops.*

Animal Husbandry: *†W. H. Peters, M. Agr., *Chief.*

*†E. F. Ferrin, M. Agr., *Prof. and Asst. Chief An. Husb.*

*P. A. Anderson, B. S., *Asst. Prof. An. Husb.*

‡A. A. Dowell, B. S., *Livestock Specialist.*

*†A. L. Harvey, M. S., *Instr. An. Husb.; Asst. in Beef Cattle Husb.*

*†M. A. McCarty, B. S., *Asst. Prof. and Asst. An. Husb.*

*†H. W. Vaughan, M. S., *Prof. and Asst. An. Husb. in charge Beef Cattle.*

‡H. G. Zavoral, B. S., *Livestock Specialist.*

Biochemistry (Agr.): *†R. A. Gortner, Ph. D., *Chief.*

*†C. H. Bailey, Ph. D., *Prof. Agr. Biochem.; Assoc. Agr. Biochem. in charge Cereal Tech.*

*D. R. Briggs, M. A., *Asst. in Agr. Biochem.*

*J. R. Haag, M. S., *Instr. Agr. Biochem.*

*†W. F. Hoffman, Ph. D., *Asst. Prof. Agr. Biochem.; Asst. Chem.*

†A. H. Johnson, Ph. D., *Asst. Agr. Biochem.*

†Otto Johnson, B. A., *Asst. in Agr. Biochem.*

Biochemistry—Continued.
*†Cornelia Kennedy, Ph. D., *Asst. Prof. and Asst. Agr. Biochem.*
*C. A. Morrow, Ph. D., *Asst. Prof. Agr. Biochem.*
*†L. S. Palmer, Ph. D., *Prof. Agr. Biochem.; Dairy Chem.*
*W. M. Sandstrom, M. S., *Instr. Agr. Biochem.*
†R. C. Sherwood, Ph. G., *Asst. Chem.*
†G. S. Taylor, A. B., *Asst. Agr. Biochem.*
*†J. J. Willaman, Ph. D., *Assoc. Prof. Plant Chem.; Plant Chem.*

Dairy Husbandry: *†C. H. Eckles, D. Sc., *Chief.*
*†W. B. Combs, M. S., *Prof. Dairy Husb.; Dairy Husb.*
‡C. C. Geddes, *Asst. Dairy Specialist.*
*†T. W. Gullickson, M. S., *Asst. Prof. and Asst. Dairy Husb.*
‡E. A. Hanson, B. S., *Dairy Specialist.*
*†Harold Macy, B. S., *Asst. Prof. and Asst. Dairy Bact.*
†H. C. Moore, B. S., *Asst. in Dairy Husb.*
*‡W. E. Petersen, M. S., *Asst. Prof. Dairy Husb., Supt. Official Tests.*
*†O. G. Schaefer, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡H. R. Searles, B. S., *Dairy Specialist.*
*†L. M. Thurston, B S., *Instr. and Asst. in Dairy Husb.*
‡L. V. Wilson, B. S., *Dairy Specialist.*

Economics (Agr.): *†J. D. Black, Ph. D., *Chief.*
*G. W. Dowrie, Ph. D., *Prof. Agr. Econ.*
*†E. W. Gaumnitz, M. A., *Instr. Agr. Econ.; Asst. Economist.*
*†B. A. Holt, M. A., *Instr. Agr. Econ.; Asst. Economist.*
*‡E. C. Johnson, B. S., *Instr. Agr. Econ. and Marketing Specialist.*
†Hutzel Metzger, M. S., *Research Asst. in Agr. Econ.*
†Lawrence Myers, M. S., *Research Asst. in Agr. Econ.*
*W. R. Myers, Ph. D., *Asst. Prof. Agr. Econ.*
*†H. B. Price, Ph. D., *Assoc. Prof. Agr. Econ.; Asst. Economist.*
*W. C. Waite, M. A., *Asst. Prof. Agr. Econ.*
*†Holbrook Working, Ph. D., *Assoc. Prof. Agr. Econ.; Asst. Economist.*

Education (Agr.): *A. V. Storm, Ph. D., *Chief of Div., Dir. of Short Courses.*
*D. D. Mayne, *Prof. Agr. Pedag., Prin. Central School of Agr.*
*W. P. Dyer, M. A., *Asst. Prof. Agr. Ed.*
*A. M. Field, M. S., *Asst. Prof. Agr. Ed.*
*F. W. Lathrop, Ph. D., *Asst. Prof. Agr. Ed.*
*V. E. Nylin, B. S., *Instr. Agr. Ed.*

Engineering (Agr.): *†William Boss, *Chief.*
*J. G. Dent, *Instr. Farm. Engin.*
*M. G. Jacobson, *Instr. Farm Bldgs.*
†C. E. Johnson, B. S., *Asst. in Land Clearing.*
*†H. B. Roe, B. S., *Assoc. Prof. Farm Engin.; in charge of Drainage.*
*†J. Romness, B. A., *Instr. and Asst. Agr. Phys.*
*A. J. Schwantes, G. A., *Asst. Prof. Agr. Engin.*
*†E. A. Stewart, B. S., *Assoc. Prof. Agr. Phys.; Assoc. Agr. Physicist.*

Engineering (Agr.)—Continued.
†M. J. Thompson, M. S., *Land Clearing Invest. (P. O., Duluth).*
*†J. B. Torrance, B.S., *Asst. Prof. Farm Engin.; in charge Sec. of Farm Mech.*
*A. G. Tyler, *Asst. Prof. Agr. Phys.*
*†H. B. White, B. S., *Asst. Prof. and in charge Sec. of Farm Bldgs.*
*A. C. Wolff, B. S., *Instr. Farm Motors.*

Entomology and Zoology: *†W. A. Riley, Ph. D., *Chief.*
*†Francis Jager, *Prof. Bee Culture.*
*†Walter Carter, M. S., *Instr. and Research Asst. in Ent.*
*†R. N. Chapman, Ph. D., *Assoc. Prof. An. Biol.; Asst. Ent.*
*G. H. Childs, *Asst. An. Biol.*
*†S. A. Graham, Ph. D., *Asst. Prof. Ent.; Asst. in Econ. Zool.*
*Erich Horlbog, Ph. D., *Asst. Prof. Ent.*
†O. C. McBride, A. M., *Asst. in Ent. and Econ. Zool.*
*†G. C. Matthews, B. S., *Asst. Prof. Beekeeping; Asst. Apiarist.*
†‡C. E. Mickel, M. S., *Asst. in Ent.*
*O. W. Oestlund, Ph. D., *Asst. Prof. Ent. and Econ. Zool.*
*C. B. Philip, B. S., *Asst. in Parasitol.*
*†A. G. Ruggles, M. A., *Prof. Econ. Ent.; Ent. (State Ent.).*
*†G. M. Stirrett, M. S., *Asst. in Ent.*
†A. L. Strand, B. S., *Asst. Ent.*
*†J. W. Thompson, B. S., *Instr. and Asst. in Bee Culture.*

Extension (Admin.):[1] Director Peck *in charge.*
‡J. F. Kuehn, *Asst. to Ext. Dir.*
‡F. E. Balmer, B. S., *County Agt. Leader.*
‡Julia O. Newton, B. A., *State Home Dem. Leader.*
‡T. A. Erickson, B. A., *State Club Leader.*
‡F. J. Brown, *Asst. County Agt. Leader.*
‡S. B. Cleland, B. S., *Asst. County Agt. Leader.*
‡G. F. Howard, *Asst. State Club Leader.*
‡Mrs. Genevieve B. Meybohm, B. S., *Asst. State Club Leader.*
‡W. E. Morris, B. S., *Asst. County Agt. Leader.*
‡Velma Slocum, B. S., *Asst. State Club Leader.*
‡J. M. Drew, *Asst. in Ext. Work.*

Forestry: *†E. G. Cheyney, B. A., *Chief.*
*†J. H. Allison, M. F., *Prof. and Assoc. For.*
*†S. S. Burton, B. S., *Instr. and Asst. For.*
*†J. P. Wentling, M. A., *Assoc. Prof. and Assoc. For.*

Home Economics: *Wylle B. McNeal, M. A., *Chief.*
*Edna P. Amidon, B. S., *Instr. Home Econ.*
*Helen G. Belden, B. S., *Asst. in Institutional Mgt.*
*Alice M. Biester, M. A., *Assoc. Prof. Nutr.*
*Carlotta M. Brown, *Instr. Millinery.*
*Clara M. Brown, B. A., *Asst. Prof. Home Econ.*
‡Mary L. Bull, *Home Mgt. Specialist.*
*Alice M. Child, M. A., *Asst. Prof. Foods and Cookery.*
*Ruby M. Coon, M. S., *Instr. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.
*Frances Dunning, B. S., *Asst. Prof. Institutional Mgt.*
*Hally J. Fisher, R. N., *Instr. Home Nursing.*
*Harriet I. Goldstein, *Assoc. Prof. Drawing and Design.*
*Vetta Goldstein, *Instr. Drawing and Design.*
‡Inez M. Hobart, M. A., *Nutr. Specialist.*
*Lucille M. Horton, B. S., *Instr. Nutr.*
‡Nora M. Hott, B. S., *Clothing Specialist.*
*Aura I. Keever, B. S., *Instr. Textiles and Clothing.*
*Agnes M. Kolshorn, M. A., *Instr. Home Econ.*
*Jane M. Leichsenring, Ph. D., *Asst. Prof. Nutr.*
*Katherine H. McFarland, M. A., *Prof. Institutional Mgt.*
*Jessie E. McMahon, M. S., *Instr. Home Econ.*
*Amy P. Morse, B. A., *Asst. Prof. Drawing and Design.*
*Paulina Nickell, B. S., *Instr. Home Econ.*
*Ruth D. Noer, B. S., *Instr. Textiles.*
*Fern E. Osbeck, B. S., *Instr. Home Econ.*
*Verna Payson, *Instr. Home Econ.* (*Child Training*).
*Ethel L. Phelps, M. S., *Asst. Prof. Textiles and Clothing.*
*Elizabeth A. Rivers, B. S., *Instr. Home Econ.*
*Mrs. H. R. Searles, B. S., *Asst. Prof. Textiles and Clothing.*
*Iva I. Sell, Ph. B., *Instr. Home Econ.*
*Louise Sobye, B. S., *Instr. Home Econ.*
*M. Louise Stoddard, *Instr. Home Econ.*
*Lucy A. Studley, M. A., *Asst. Prof. Home Econ.*
*Marion Weller, B. A., *Assoc. Prof. Textiles and Clothing.*
‡Bessie C. Willis, B. S., *Clothing Specialist.*

Horticulture: *†W. H. Alderman, B. S., *Chief.*
*†J. H. Beaumont, B. S., *Instr. and Asst. Hort.*
*†W. G. Brierley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†B. I. Burrell, B. S., *Instr. and Asst. in Hort.*
*†C. E. Cary, B. S., *Asst. Prof. Hort., Special Lect. in Landsc. Gard.*
*†F. A. Krantz, Ph. D., *Asst. Prof. and Asst. Hort.*
‡R. S. Mackintosh, M. S., *Hort. Specialist.*
*†J. A. Middleton, M. S., *Instr. and Asst. Hort.*
*†A. N. Wilcox, M. S., *Instr. and Asst. Hort.*

Journalism: *†W. P. Kirkwood, M. A. *Prof. Agr. Journalism; Editor.*
*R. R. Barlow, *Instr. Journalism.*
†G. D. George, *Illustrator.*
†Alice McFeely, *Asst. Editor.*
‡E. C. Torrey, *Publicity Specialist.*

Plant Pathology and Botany: Dean Freeman *in charge.*
*†E. C. Stakman, Ph. D., *Prof. and Assoc. Plant Path.* (*Coop. U. S. D. A.*).
*†J. J. Christensen, M. S., *Instr. and Asst. Plant Path.*
*†Louise Dosdall, Ph. D., *Instr. Plant Path.; Mycol.*
†F. M. Eaton, M. S., *Asst. Plant Path.*
†Helen Hart, M. A., *Asst. Plant Path.*
*†R. B. Harvey, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†A. W. Henry, Ph. D., *Asst. Plant Path.*
*†A. H. Larson, B. S., *Asst. Prof. Plant Path; Seed Analyst.*

Plant Pathology and Botany—Continued.
*†J. G. Leach, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*P. D. Peterson, B. S., *Instr. Bot.*
†R. M. Nelson, M. S., *Asst. in For. Path.*
†L. O. Regeimbal, M. S., *Expt. Lab. Asst.*
†H. A. Rodenhiser, B. S., *Asst. Plant Path.*
‡R. C. Rose, M. S., *Plant Path. Specialist.*
*†J. L. Seal, M. S., *Instr. and Asst. in Plant Path.*
†Ruby Ure, *Asst. Seed Analyst.*

Poultry Husbandry: *†A. C. Smith, B. S., *Chief.*
‡N. E. Chapman, M. A., *Poultry Specialist.*
‡Cora E. Cooke, B. S., *Poultry Specialist.*

Soils: *†F. J. Alway, Ph. D., *Chief.*
*†G. B. Bodman, M. S., *Instr. Soils; Asst. Soils Chem.*
*†P. R. McMiller, M. S., *Asst. Prof. and Asst. Soils Chem.*
†William Methley, *Asst. in Soils.*
†‡G. H. Nesom, B. S., *Soils Specialist.*
†R. M. Pinckney, A. M., *Research Asst. in Soils*
*†C. O. Rost, Ph. D., *Assoc. Prof. Soils Asst; Soils Chem.*

Veterinary Medicine: *†C. P. Fitch, M. S., D. V. M., *Chief.*
‡W. A. Billings, D. V. M., *Vet. Med. Specialist.*
*†W. L. Boyd, D. V. S., *Prof. Vet. Med.; in charge Sec. of Vet. Med. and Path.*
*E. A. Hewitt, B. S., D. V. M., *Asst. Prof. Vet. Med.*
*†H. C. H. Kernkamp, D. V. M., *Asst. Prof. Vet. Med.; Asst. Vet.*
†R. E. Lubbehusen, B. S., D. V. M., *Asst. An. Path.*
*†M. H. Reynolds, D. V. M., M. D., *Prof. Vet. Med.; in charge Sec. of Vet. Sanitation.*

Miscellaneous:
*†Harriet W. Sewall, B. A., *Libr.*

Substations:
Forest Expt. Sta., *P. O., Cloquet*—
Raphael Zon, F. E., *Director.*
T. S. Hansen, M. F., *Supt.*
E. E. Probstfield, B. S., *Asst. For.*
Forest Expt. Sta., *P. O., Itasca*—
H. T. Branegan, *Foreman.*
Fruit Brdg. Farm, *P. O., Excelsior*—
F. E. Haralson, *Asst. Supt.*
F. A. Anderson, *Foreman.*
North Central Substa., *P. O., Grand Rapids*—
O. I. Bergh, B. S., *Supt.*
NE. Dem. Farm and Substa., *P. O., Duluth*—
M. J. Thompson, M. S., *Supt.*
NW. Substa., *P. O., Crookston*—
C. G. Selvig, M. A., *Supt.*
R. S. Dunham, B. S., *Agron.*
A. M. Foker, *Agr. Engin.*
O. M. Kiser, B. S., *An. Husb.*
D. H. La Voi, B. S., *An. Husb.*
T. M. McCall, B. S., *Hort. and Field Mgr.*
A. M. Pilkey, *Poultryman.*
SE. Dem. Farm and Substa., *P. O., Waseca*—
R. E. Hodgson, B. S., *Supt.*
G. A. McColley, *Foreman.*
West Central Substa., *P. O., Morris*—
P. E. Miller, M. Agr., *Supt.*
J. A. Anderson, B. S., *Asst. Hort.*
R. O. Bridgford, B. S., *Agron.*
P. S. Jordan, B. S., *An. Husb.*

MISSISSIPPI

Mississippi Agricultural and Mechanical College and Agricultural Experiment Station, *A. and M. College*

*College faculty. †Station staff. ‡Extension staff

*D. C. Hull, M. S., *President*
*†J. N. Lipscomb, M. S., *Dean School of Agr.*
†J. R. Ricks,[1] M. S., *Dir. of Sta.*
‡R. S. Wilson, B. S., *Dir. of Ext. Work*
*B. M. Walker, Ph. D., *Vice Pres. of Coll.*

Agronomy: Director Ricks, *Sta. Agron.*
*A. D. Suttle, Ph. D., *Prof. Agron.*
*A. G. Burg, M. S., *Assoc. Prof. Agron.*
*F. O. Cork, B. S., *Asst. Prof. Agron.*
†Rowland Cowart, M. S., *Asst. Agron.*
†D. W. McIlwain, *Agron. Foreman.*
†J. F. O'Kelly, M. S., *Plant Breeder.*

Animal Industry: *†G. S. Templeton, B. S., *Prof. An. Husb.; An. Husb.*
*†J. S. Moore, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*†E. P. Clayton, *Prof. Poultry Husb.; Poultry Husb.*
*P. G. Bedenbaugh, B. S., *Asst. Prof. An. Husb.*
*W. C. Cowsert, B. S., *Assoc. Prof. Dairy Husb.*
‡J. A. Fenger, *Agt. in Dairying (Coop. U. S. D. A.).*
‡H. C. Ferguson, B. S., *Dairy Specialist (P. O., Jackson).*
*†C. J. Goodell, B. S., *Assoc. An. Husb.*
*†F. H. Herzer, B. S., *Assoc. Prof. Dairying; Assoc. Dairy Husb.*
‡L. A. Higgins, B. S., *Dairy Husb.*
†Duff Maxwell, *Herdsman.*
‡P. F. Newell, *Swine Husb. Specialist.*
‡G. R. Sipe, *Ext. Poultry Husb.*
*H. C. Stone, *Instr. Dairy Husb.*

Bacteriology: *†C. F. Briscoe, Ph. D., *Prof. Bact.; Bact.*
*†H. H. Harned, M. S., *Assoc. Prof. and Assoc. Bact.*

Botany: *†J. M. Beal, M. S., *Prof. Bot.; Bot.*
*J. C. McKee, B. S., *Assoc. Prof. Bot.*
†D. C. Neal, M. S., *Plant Path.*

Chemistry: *†W. F. Hand. Ph. D., *Prof. Chem.; Chem. (State Chem.).*
*C. S. Black, M. A., *Assoc. Prof. Chem.*
*G. W. Carroll, B. A., *Assoc. Prof. Chem.*
*H. J. Smith, Ph. D., *Prof. Chem.*

Economics (Agr.): Dean Lipscomb *in charge (Coop. U. S. D. A.).*
‡J. M. Dean, *Community Organ. Specialist.*
‡T. M. Patterson, M. S., *State Marketing Agt. (Coop. U. S. D. A.).*

Education (Agr.): *V. G. Martin, A. B., *Head of Dept.*
*C. E. Cain, M. S., *Asst. Prof. Agr. Ed.*
*S. S. Greene, B. S., *Asst. Prof. Agr. Ed.*
*D. V. Stapleton, B. S., *Itinerant Teacher Training.*
*A. C. Wells, B. S., *in charge Practice School.*

Engineering (Agr.): *†W. C. Howell, M. S., *Head of Dept.*
*‡J. W. Carpenter, jr., B. S., *Assoc. Prof. Agr. Engin.*
‡J. T. Copeland, B. S., *Agr. Engin. Specialist.*

Entomology—*See* **Zoology.**

Extension (Admin.):[2] Director Wilson *in charge.*
‡J. W. Willis, B. S., *Asst. Ext. Dir. and State Agt. in charge Men's Work.*
‡Mrs. Mary B. Giesen, *State Home Dem. Agt.*
‡J. E. Tanner, *State Club Agt.*
‡F. J. Hurst, B. S., *Asst. in Boys' Club Work.*
‡H. S. Johnson, B. S., *Asst. in Boys' Club Work.*
‡Elaine E. Massey, *Asst. in Girls' Club Work.*

Geology: *†W. C. Morse, M. A., *Prof. Geol.; Geol.*
*F. E. Vestal, M. S., *Assoc. Prof. Geol.*

Home Economics: ‡Buena W. Freeman, B. S., *Agt. in charge Food Preservation Work.*
‡Anne O. Jordan, B. S., *Household Art Specialist.*
‡Elizabeth Riley, *Foods and Nutr. Specialist.*

Horticulture: *††‡A. B. McKay, M. S., *Prof. Hort.; Hort.*
*C. S. Adams, B. S., *Assoc. Prof. Hort.*
‡Lyle Brown, B. S., *Fruit Specialist.*
*P. B. Monosmith, *Instr. Hort.*
†J. C. C. Price, B. S., *Hort.*

Physics: *H. W. Moody, Ph. D., *Prof. Phys.*
*G. F. Barnes, A. M., *Assoc. Prof. Phys.*

Veterinary Medicine: *†K. U. Jones, V. M. D., *Prof. Vet. Med.; Vet. (State Vet.).*

Zoology and Entomology: *††‡R. W. Harned, B. S., *Prof. Zool., Ent.; Ent. (State Ent.).*
†H. W. Allen, M. S., *Assoc. Ent.*
*†R. N. Lobdell, M. S., *Assoc. Prof. Zool.; Zool.*
*E. W. Stafford, M. S., *Assoc. Prof. Zool., Ent.*

Miscellaneous:
*††‡Hugh Critz, B. S., *Agr. Editor and Publicity.*
*Whitman Davis, M. S., *Libr.*
*††‡M. H. Moore, *Secy., Treas.*
†Sid Noble, B. S., *Publicity Agt.*

Substations: J. R. Ricks, M. S., *Director.*
Coastal Plains Sta., *P. O., McNeill*—
S. W. Green, *in charge (Coop. U. S. D. A.).*
Delta Branch Sta., *P. O., Stoneville*—
W. E. Ayres, M. S., *Asst. Dir. and Plant Breeder.*
K. C. Livingston, *Farm Foreman.*
H. A. York, B. S., *Assistant.*
Holly Springs Branch Sta., *P. O., Holly Springs*—
C. T. Ames, B. S., *Asst. Dir.*
J. C. Ryan, *Farm Foreman.*
H. F. Wallace, B. S., *Asst. Agron.*
Raymond Branch Sta., *P. O., Raymond*—
C. B. Anders, B. S., *Asst. Dir.*
J. C. Peyton, *Farm Foreman.*
South Miss. Branch Sta., *P. O., Poplarville*—
E. B. Ferris, M. S., *Asst. Dir.*
W. S. Anderson, B. S., *Hort.*
B. V. Evans, *Farm Foreman.*

[1] Director of all substations.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Alcorn Agricultural and Mechanical College, *Alcorn*

*Agricultural faculty

*L. J. Rowan, Ph. D., *President*

*P. S. Bowles, B. S., *Prof. Agr. Ed.*
*A. T. Busby, *Asst. Prof. Agr. Ed. and Dairying.*
*E. R. Correll, B. S., *Instr. Farm Mech.*
*Sarah P. Holmes, *Prof. Home Econ. Ed.*
*Selina C. Jackson, *Instr. Nurse Training.*
*Mrs. B. M. Johnson, *Instr. Housekeeping.*
*L. J. McKay, B. S., *Farm Supt.*
*W. S. Nelson, *Instr. Laundering.*
*O. W. Sanders, B. S., *Asst. Prof. Voc. Ed.*
*Mrs. Alice L. Tanner, *Instr. Dom. Art.*
*H. T. Tanner, *Prof. Hort.*
*J. B. Wright, B. S., *Asst. Prof. Agr. Ed.*

MISSOURI

College of Agriculture and the Agricultural Experiment Station of the University of Missouri,[1] *Columbia*

*College faculty. †Station staff. ‡Extension staff

*S. D. Brooks, M. Ped., A. M., LL. D., *President of University*
*†F. B. Mumford, M. S., *Dean Coll. of Agr., Dir. of Sta. Prof. An. Husb.*
‡A. J. Meyer, B. S., *Dir. of Agr. Ext. Service*

Animal Industry: *†E. A. Trowbridge, B. S., *Prof. and Chair. Dept. of An. Husb.*
*†A. C. Ragsdale, B. S., *Prof. and Chair. Dept. of Dairy Husb.*
*†H. L. Kempster, B. S., *Prof. and Chair. Dept. of Poultry Husb.*
*†Samuel Brody, M. A., *Asst. Prof. Dairy Chem.*
‡J. W. Burch, *Ext. Asst. Prof. An. Husb.*
*†D. W. Chittenden, A. M., *Asst. Prof. An. Husb.*
*†M. G. Clark, M. S., *Instr. An. Husb.*
*†M. T. Foster, B. S., *Instr. An. Husb.*
‡H. M. Garlock, B. S., *Ext. Asst. Prof. An. Husb.*
‡I. G. Gibson, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡E. M. Harmon, B. S., *Ext. Assoc. Prof. Dairy Husb.*
*†W. P. Hays, B. S., *Instr. Dairy Husb.*
*†E. W. Henderson, A. M., *Asst. Prof. Poultry Husb.*
*†R. J. Kuhns, B. S., *Asst. in Dairy Mfrs.*
‡M. J. Regan, B. S., *Ext. Asst. Prof. Dairy Husb.*
*†W. H. E. Reid, M. S., *Assoc. Prof. Dairy Mfrs.*
‡S. F. Russell, B. S., *Ext. Asst. Prof. An. Husb.*
*M. A. Seaton, B. S., *Instr. Poultry Husb.*
‡H. L. Shrader, B. S., *Ext. Asst. Prof. Poultry Husb.*
*†C. W. Turner, A. M., *Asst. Prof. Dairy Husb.*
*†L. A. Weaver, B. S., *Prof. An. Husb.*
*†C. W. Weber, B. S., *Asst. in Dairy Husb.*
‡Berley Winton, B. S., *Ext. Asst. Prof. Poultry Husb.*

Botany: *†W. J. Robbins, Ph. D., *Prof. and Chair. of Dept.*
*W. E. Maneval, Ph. D., *Asst. Prof. Bot.*
*H. W. Rickett, Ph. D., *Asst. Prof. Bot.*
*†I. T. Scott, A. M., *Asst. in Bot.; Asst. Plant Path.*

Chemistry (Agr.): *†A. G. Hogan, Ph. D., *Chair. Dept. and Prof. An. Nutr.*
*Sidney Calvert, A. M., *Prof. Org. Chem.*
*†N. B. Guerrant, M. S., *Asst. in Agr. Chem.*
*†L. D. Haigh, Ph. D., *Assoc. Prof. Agr. Chem.*

Chemistry (Agr.)—Continued.
†A. R. Hall, B. S., *Asst. in Agr. Chem.*
*†H. M. Harshaw, M. S., *Instr. Agr. Chem.*
*†J. E. Hunter, B. S., *Asst. in Agr. Chem.*
*†W. S. Ritchie, Ph. D., *Asst. Prof. Agr. Chem.*
*Herman Schlundt, Ph. D., *Prof. Chem.*
*†E. E. Vanatta, M. S., *Asst. Prof. Agr. Chem.*

Economics (Rural): *†O. R. Johnson, A. M., *Prof. Farm Mgt. and Chair. Dept. of Rural Life.*
*†E. L. Morgan, A. M., *Prof. Rural Sociol.*
*†D. R. Cowan, Ph. D., *Asst. Prof. Marketing.*
*Janet E. Davison, A. B., *Instr. Rural Sociol.*
*†B. H. Frame, B. S., *Instr. Farm Mgt.*
*†S. D. Gromer, A. M., LL. D., *Assoc. Prof. Rural Econ.*
‡H. C. Hensley, B. S., *Ext. Asst. Prof. Agr. Econ.*
‡B. L. Hummel, B. S., *Ext. Asst. Prof. Rural Sociol.*
*Bessie A. McClenahan, A. M., *Asst. Prof. Rural Sociol.*
‡T. D. Morse, B. S., *Specialist in Rural Econ.*
‡D. C. Wood, B. S., *Ext. Asst. Prof. Farm Mgt.*

Education (Agr.): *T. E. Sexauer, M. S., *Prof. Agr. Ed.*
*Sherman Dickinson, M. A., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): *†J. C. Wooley, B. S., *Prof. and Chair. of Dept.*
*†M. M. Jones, B. S., *Asst. Prof. Agr. Engin.*
‡A. J. McAdams, B. S., *Ext. Instr. Agr. Engin.*

Entomology: *†Leonard Haseman, Ph. D., *Prof. and Chair. of Dept. Chief Nursery Insp.*
*†K. C. Sullivan, A. M., *Asst. Prof. Ent. Deputy Nursery Insp.*
*†Neely Turner, A. M., *Instr. Ent. Deputy Nursery Insp.*
‡Otis Wade, M. S., *Ext. Asst. Prof. Ent.*

Extension (Admin.):[2] Director Meyer *in charge.*
‡R. H. Emberson, B. S., *Boys' and Girls' Club Agt.*
‡C. C. Hearne, *State Ext. Agt.*
‡Jane Hinote, *Boys' and Girls' Club Agt.*
‡T. T. Martin, A. B., *State Club Agt.*
‡P. B. Naylor, A. B., *State Ext. Agt.*

[1] This institution gives the academic title to all employees.
[2] For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

Extension (Admin.)—Continued.
‡J. F. Nicholson, M. S., *State Ext. Agt.*
‡R. R. Thomasson, B. S., *State Ext. Agt.*

Field Crops: *†W. C. Etheridge, Ph. D., *Prof. and Chair. of Dept.*
‡C. E. Carter, B. S., *Ext. Assoc. Prof. Field Crops.*
‡D. W. Frear, M. S., *Ext. Assoc. Prof. Field Crops.*
‡K. G. Harman, B. S., *Ext. Asst. Prof. Field Crops.*
*†C. A. Helm, A. M., *Assoc. Prof. Field Crops.*
*B. M. King, A. M., *Instr. Field Crops.*
*†R. T. Kirkpatrick, M. A., *Instr. Field Crops.*
*†O. W. Letson, A. M., *Instr. Field Crops.*
*†L. J. Stadler, Ph. D., *Asst. Prof. Field Crops.*
‡I. P. Trotter, M. S., *Ext. Asst. Prof. Field Crops.*

Geology: *E. B. Branson, Ph. D., *Prof. and Chair. of Dept.*
*W. A. Tarr, Ph. D., *Prof. Geol.*

Home Economics: *S. Helen Bridge, Ph. D., *Prof. and Chair. of Dept.*
‡Mary H. Briggs, B. S., *Ext. Asst. in Home Econ.*
‡Ida F. Clark, B. S., *Ext. Asst. Prof. Home Econ.*
*Jessie A. Cline, B. S., *Assoc. Prof. Home Econ.*
*Jessie V. Coles, M. A., *Instr. Home Econ.*
*Laurel E. Davis, M. A., *Research Asst. in Home Econ.*
‡Marion Dunshee, Ph. B., *Ext. Asst. Prof. Home Econ.*
*Rosalie Godfrey, B. S., *Asst. Prof. Home Econ.*
*Gertrude Heinrici, *Instr. Home Econ.*
‡Essie M. Heyle, B. S., Ph. B., *Ext. Prof. Home Econ.*
*Mary L. Klingner, A. M., *Asst. Prof. Home Econ.*
‡Lois Martin, B. S., *Ext. Asst. Prof. Home Econ.*
*Harriet Palmer, B. S., *Instr. Home Econ.*
*Nina Reilly, B. S., *Instr. Home Econ.*
‡Mary E. Robinson, B. S., *Ext. Assoc. Prof. Home Econ.*
‡Julia M. Rocheford, Pe. B., *Ext. Asst. Prof. Home Econ.*
*Minnola Stallings, R. N., *Instr. Home Econ.*
‡Mary E. Stebbins, R. N., *Ext. Asst. Prof. Home Econ.*
*Hannah A. Stillman, A. M., *Asst. Prof. Home Econ.*
‡Mrs. Edith G. Van Deusen, Ph. B., *Ext. Asst. Prof. Home Econ.*
*Lila M. Welsh, M. A., *Asst. Prof. Home Econ.*

Home Economics—Continued.
*Bertha K. Whipple, M. A., *Asst. Prof. Home Econ.*

Horticulture: *†T. J. Talbert, A. M., *Prof. and Chair. of Dept.*
‡A. P. Boles, M. A., *Ext. Asst. Prof. Hort.*
*J. M. Farmer, B. S., *Asst. in Hort. and Landsc. Gard.*
*†H. D. Hooker, jr., Ph. D., *Assoc. Prof. Hort.*
*H. F. Major, B. S., *Assoc. Prof. Landsc. Gard. and Supt. of Grounds.*
*†A. E. Murneek, Ph. D., *Asst. Prof. Hort.*
‡E. M. Page, B. S., *Ext. Asst. Prof. Hort.*
*†J. T. Quinn, A. M., *Instr. Hort.*
*†H. G. Swartwout, M. A., *Asst. Prof. Hort.*

Physics: *H. M. Reese, Ph. D., *Prof. and Chair. of Dept.*
*O. M. Stewart, Ph. D., *Prof. Phys.*

Soils: *†M. F. Miller, M. S., *Prof. and Chair. of Dept.*
*†W. A. Albrecht, Ph. D., *Assoc. Prof. Soils.*
*†Richard Bradfield, Ph. D., *Assoc. Prof. Soils.*
*†William DeYoung, B. S., *Instr. Soil Survey.*
‡C. L. Dietz, B. S., *Ext. Asst. Prof. Soils.*
*†F. L. Duley, Ph. D., *Assoc. Prof. Soils.*
*†H. H. Krusekopf, A. M., *Prof. Soils; Soil Survey Work.*
†F. R. Lesh, B. S., *Asst. in Soil Survey.*
*†E. B. Powell, B. S., *Asst. in Soils.*
†R. W. Scanlan, B. S., *Asst. in Soils.*
‡P. F. Schowengerdt, B. S., *Ext. Assoc. Prof. Soils.*
‡R. J. Silkett, B. S., *Ext. Instr. Soils.*
†R. E. Uhland, A. M., *Asst. in Soils.*

Veterinary Science: *†J. W. Connaway, D. V. S., M. D., *Chair. of Dept. Prof. Vet. and Comp. Med.*
*†L. S. Backus, D. V. M., *Assoc. Prof. Vet. Sci.*
†O. S. Crisler, D. V. M., *Supt. Serum Plant.*
*†A. J. Durant, A. M., *Asst. Prof. Vet. Sci.*
*†H. G. Newman, A. M., *Instr. Vet. Sci.*
*Andrew Uren, D. V. M., *Instr. Vet. Sci.*

Zoology: *W. C. Curtis, Ph. D., *Prof. and Chair. of Dept.*
*†W. R. B. Robertson, Ph. D., *Assoc. Prof. Zool.*
*G. W. Tannreuther, Ph. D., *Assoc. Prof. Zool.*

Miscellaneous:
†J. F. Barham, *Photog.*
*†Leslie Cowan, B. S., *Secy.*
*†Jane Frodsham, *in charge Agr. Libr.*
†‡A. A. Jeffrey, A. B., *Agr. Editor.*
*†R. B. Price, jr., *Treas.*
*George Reeder, *Lect. on Met. and Climat., Met. U. S. Weather Bureau.*
*†S. B. Shirky, A. M., *Supt. Short Courses, Asst. to Dean and to Dir. of Sta.*

Missouri State Fruit Experiment Station, *Mountain Grove*

†Station staff

†F. W. Faurot, B. S., *Director*

†J. W. Hitt, *Mgr.*
†C. R. Phipps, B. S., *Ent.*
†C. M. Williams, *Ext. Hort.*

Missouri State Poultry Experiment Station, *Mountain Grove*

†Station staff

†T. W. Noland, *Director*

†Ethel Byer, *Asst. Secy.*
†Sivert Eriksen, D. V. M., *Path. and Bact.*
†Noel Hall, *Specialist in Poultry Ext.*
†W. A. Hovis, *Lab. Tech.*

Lincoln University, *Jefferson City*

*Agricultural faculty

*N. B. Young, A. M., Litt. D., LL. D., *President*
*H. F. McFadden, B. S., *Dir. of Agr.*

*J. W. Damel, M. Ph., *Biol.*
*Bessie M. Hawkins, *Dir. of Dom. Sci.*
*H. M. Hunter, B. S., *Agr.*
*W. B. Jason, M. A., *Phys.*
*E. B. Jones, B. S., *Chem. and Biol.*
*Anna M. Mollison, *Dom. Art.*
*Anna L. Porter, B. S., *Chem.*
*Margaret R. Wilkins, B. S., *Dom. Art. and Sci.*

MONTANA

Montana State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Bozeman*

*College faculty. †Station staff. ‡Extension staff

*‡Alfred Atkinson. D. Sc., *President and Dir. of Ext. Service*
*†F. B. Linfield, B. S. A., *Dean of Agr., Dir. of Sta.*

Agronomy: *†Clyde McKee, B. S., *Head of Dept.*
†L. F. Gieseker, M. S., *Asst. Agron.*
*†I. J. Jensen, M. S., *Asst. Prof. and Asst. Agron.*
‡A. J. Ogaard, B. S., *Agron. Specialist.*
*†A. H. Post, M. S., *Asst. Prof. and Asst. Agron.*

Animal Industry: *†‡C. N. Arnett, B. S., *Head Dept. of An. Husb. Vice Dean of Agr.*
*†——— ———, *Head Dept. of Poultry Husb.*
‡Harriette E. Cushman, B. S., *Poultry Specialist.*
†George Ford, *Asst. in Poultry Husb.*
*G. P. Goodearl, B. S., *Asst. Prof. Poultry Husb.*
*†E. J. Haslerud, B. S., *Instr. and Asst. An. Husb.*
*†W. E. Joseph, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*R. C. McChord, B. S., *Assoc. Prof. An. Husb.*
*A. L. McMahon, B. S., *Instr. An. Husb., Prin. School of Agr.*
*J. A. Nelson, B. S., *Asst. Prof. Dairy Mfg.*
‡J. O. Tretsven, B. S., *Dairy Specialist.*
‡R. L. Waddell, B. S., *Livestock Specialist.*

Botany and Bacteriology: *†D. B. Swingle, M. S., *Head of Dept.*
*F. B. Cotner, A. M., *Asst. Prof. Bot. and Bact.*
†H. E. Morris, M. S., *Assoc. Bot. and Bact.*

Chemistry: *†Edmund Burke, B. S., *Special Lect. in Chem.; Chem. and Met.*
*W. M. Cobleigh, E. M., A. M., *Prof. Chem. and Chem. Engin.* (*State Chem.*)
†S. G. Scott, B. S., *Asst. Chem.*
*O. E. Sheppard, A. M., *Asst. Prof. Chem.*

Education (Agr.): *M. J. Abbey, A. B., *Prof. and State Supvr. Agr. Ed.*

Engineering (Agr.): *†H. E. Murdock, C. E., M. E., *Head of Dept.*
*†R. M. Merrill, B. S., *Instr. and Asst. Agr. Engin.*

Entomology: *†R. A. Cooley, B. S., *Head of Dept.* (*State Ent.*).
†W. C. Cook, Ph. D., *Asst. Ent.*
†J. R. Parker, M. S., *Assoc. Ent.*
*O. A. Sippel, B. S., *Instr. Beekeeping.*

Extension (Admin.):[1] President Atkinson *in charge.*
‡J. C. Taylor, B. S., *Asst. Dir. and County Agt. Leader.*
‡Blanche L. Lee, B. S., *State Home Dem. Leader.*
‡C. E. Potter, B. S., *State Club Leader.*
‡Gertrude Hoffman, B. S., *Asst. State Home Dem. Leader.*

Extension (Admin.)—Continued.
‡Doris Ingram, B. S., *Asst. State Club Leader.*
‡E. H. Lott, B. S., *Asst. County Agt. Leader.*

Farm Management and Economics: *†E. L. Currier, B. S., *Prof. Farm Mgt.*
‡V. D. Gilman, B. S., *Farm Mgt. Dem.*
*J. M. Hamilton, M. S., *Prof. Econ.*
†H. E. Selby, B. S., *Asst. in Farm Mgt.*

Home Economics: *Gladys A. Branegan, A. M., *Prof. Home Econ.*
*Muriel A. Cook, B. S., *Instr. Home Econ.*
*Florence Fallgatter, B. S., *Asst. Prof. Home Econ.*
*Agnes E. Hutchison, B. S., *Instr. Home Econ.*
‡Inez La Bossier, B. S., *Clothing Specialist.*
*Mildred Nemeck, *Instr. Institutional Mgt.*
*Pearl Swanson, M. S., *Asst. Prof. Home Econ.*
‡Susanne Thompson, M. S., *Nutr. Specialist.*

Horticulture: *†F. M. Harrington, M. S., *Head of Dept.*
*†C. C. Starring, M. S., *Asst. Prof. and Asst. Hort.*

Publications: *†‡R. B. Bowden, *Dir.*
*†‡John Dexter, *Asst. Dir.*

Veterinary Science: *†Howard Welch, D. V. M., *Head of Dept.*
*†Erwin Jungherr, D. V. M., *Asst. in Vet. Sci.*

Zoology: *M. H. Spaulding, A. M., *Asst. Prof. and Head of Dept.*

Grain Inspection Laboratory: †W. O. Whitcomb, M. S., *Supt.*
†W. D. Hay, B. S., *Seed Analyst and Asst. in Lab.*

Miscellaneous:
*Elizabeth Forrest, B. L. S., A. M., *Libr.*

Substations:
Hort. Substa., *P. O., Victor*—
W. E. Pollinger. *Supt.*
Huntley Substa., *P. O., Huntley*—
Dan Hansen, *Supt.* (*Coop. U. S. D. A.*).
A. E. Seamans, B. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
Judith Basin Substa., *P. O., Moccasin*—
Albert Osenberg, B. S., *Supt.* (*Coop. U. S. D. A.*).
R. W. May, B. S., *Cerealist* (*Coop. U. S. D. A.*).
N. F. Woodward, B. S., *Forage Crops Invest.* (*Coop. U. S. D. A.*).
Northern Mont. Substn., *P. O., Havre*—
G. W. Morgan, B. S., *Supt.* (*Coop. U. S. D. A.*).
A. L. Baker, B. S., *Asst. in An. Husb.* (*Coop. U. S. D. A.*).

[1] For subject-matter workers, see the respective divisions—i. e., agronomy, animal industry, etc.

NEBRASKA

College of Agriculture and the Agricultural Experiment Station of the University of Nebraska, *Lincoln*

*College faculty. †Station staff. ‡Extension staff

*Samuel Avery, Ph. D., LL. D., *Chancellor of University*
*†E. A. Burnett,[1] D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡W. H. Brokaw, *Dir. of Agr. Ext. Service*

Agronomy: *†W. W. Burr, B. S., *Chair. of Dept. and Asst. Dir. of Sta.*
*†T. A. Kiesselbach, Ph. D., *Prof. Agron.; Agron.*
†Arthur Anderson, M. S., *Asst. Agron. and Supt. Agron. Farm.*
*T. H. Goodding, M. S., *Asst. Prof. Agron.*
‡D. L. Gross, B. S., *Asst. State Agt. in Agron.*
*†F. D. Keim, M. S., *Prof. Agron.; Agron.*
†W. E. Lyness, B. S., *Asst. Agron.*
*†J. C. Russel, M. S., *Assoc. Prof. and Assoc. Agron.*
‡P. H. Stewart, B. S., *State Agt. in Agron.*

Animal Husbandry: *†H. J. Gramlich, B. S., *Chair. of Dept.*
*†F. E. Mussehl, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*W. W. Derrick, B. S., *Instr. An. Husb.*
*†H. D. Fox, M. S., *Instr. and Asst. An. Husb.*
‡A. K. Hepperly, B. S., *Asst. State Agt. in An. Husb.*
*†W. J. Loeffel, B. S., *Assoc. Prof. An. Husb.; in charge Swine Invest.*
‡M. B. Posson, B. S., *State Agt. in An. Husb.*
‡O. N. Summers, B. S., *State Agt. in Poultry Husb.*

Botany: *†R. J. Pool, Ph. D., *Chair. of Dept.*
*†G. L. Peltier, Ph. D., *Prof. Plant Path.; Plant Path.*
*Emma N. Anderson, A. M., *Asst. Prof. Bot.*
*†R. W. Goss, Ph. D., *Asst. Prof. and Assoc, Plant Path.*
*Leva B. Walker, A. M., *Assoc. Prof. Bot.*
*J. E. Weaver, Ph. D., *Prof. Plant Ecology.*

Chemistry: *F. W. Upson, Ph. D., *Chair. of Dept.*
*†M. J. Blish, Ph. D., *Prof. Agr. Chem.; Chem.*
*R. C. Abbott, A. M., *Instr. Chem.*
†C. W. Ackerson, M. S., *Asst. Chem.*
†R. M. Sandstedt, M. S., *Asst. Chem.*
*T. J. Thompson, Ph. D., *Asst. Prof. Chem.*

Dairy Husbandry: *†H. P. Davis, M. S., *Chair. of Dept.*
*†E. O. Anderson, M. S., *Instr. and Asst. Dairy Husb.*
*†P. A. Downs, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡M. L. Flack, M. A., *State Agt. in Dairy Husb.*
*Benjamin Masurovsky, M. S., *Instr. Dairy Husb.*
*†R. F. Morgan, B. S., *Asst. Prof. and Asst. Dairy Husb.*
*E. L. Reichart, B. S., *Instr. Dairy Husb. and Creamery Mgr.*

Economics (Rural): *†H. C. Filley, A. M., *Chair. of Dept.*
‡G. R. Boomer, *State Agt. in Marketing.*

Economics (Rural)—Continued.
‡N. W. Gaines, B. S., *State Agt. in Community Organ.*
*A. W. Medlar, A. M., *Asst. Prof. Rural Econ.*
*†J. O. Rankin, A. M., *Assoc. Prof. and Assoc. in Rural Econ. (Coop. U. S. D. A.).*
‡E. L. Taylor, B. S., *State Agt. in Farm Mgt.*

Education (Agr.): *H. E. Bradford, A. M., *Chair. of Dept., Prin. School of Agr.*
*Beulah I. Coon, B. S., *Asst. Prof. Home Econ. Ed.*
*Helen H. Halm, B. S., *Asst. Prof. Home Econ. Ed.*
*C. C. Minteer, A. M., *Asst. Prof. Agr. Ed.*

Engineering (Agr.): *†O. W. Sjogren, B. S. A. E., *Chair. of Dept.*
*†E. E. Brackett, B. S. E. E., *Prof. Agr. Engin.; Agr. Engin.*
*A. A. Baer, B. A., *Assoc. Prof. Agr. Engin.*
‡J. S. Glass, B. S., *Asst. State Agt. in Agr. Engin.*
†F. R. Nohavec, B. S. A. E., *Tractor Testing Engin.*
*J. D. Parsons, B. S. M. E., A. E., *Asst. Prof. Agr. Engin.*
*W. J. Runnalls, *Instructing Mechanic.*
*C. W. Smith, M. S., *Assoc. Prof. Agr. Engin.*
‡I. D. Wood, M. S., *State Agt. in Agr. Engin.*

Entomology: *†M. H. Swenk, A. M., *Chair. of Dept. (State Ent.).*
*Raymond Roberts, B. S., *Instr. Ent.*
*†D. B. Whelan, M. S., *Instr. and Asst. Ent.*

Extension (Admin.):[2] Director Brokaw *in charge.*
‡Mary-Ellen Brown, B. S., *State Agt. in Women's Work.*
‡L. I. Frisbie, B. S., *State Agt. in Club Work.*
‡Mary Borreson, B. S., *Asst. State Agt. in Club Work.*
‡Jessie G. Greene, B. S., *Asst. State Agt. in Club Work.*
‡Allegra Wilkins, *Asst. State Agt. in Club Work.*
‡H. J. Young, B. S., *Routing and Reports.*

Home Economics: *Margaret S. Fedde, A. B., *Chair. of Dept.*
‡Florence J. Atwood, B. S., *State Agt. in Foods and Nutr.*
*Alice H. Bradt, A. M., *Instr. Home Econ.*
‡Myrtle Easley, B. S., *State Agt. in Clothing.*
*Alma C. Fritchoff, A. B., *Instr. Home Econ*
‡M. Olive Howey, B. S., *Asst. State Agt. in Clothing.*
*Arabella S. Livingston, B. S., *Instr. Home Econ.*
‡Edith Martin, *State Agt. in Home Health and Hyg.*

[1] In charge of all substations.
For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.
*Grace M. Morton, A. B., *Asst. Prof. Home Econ.*
*Maurine Noll, B. S., *Instr. Home Econ.*
*Matilda K. Peters, B. S., *Instr. Home Econ.*
*Elizabeth Rutherford, Ph. B., *Instr. Home Econ.*
‡Muriel L. Smith, B. S., *State Agt. in Home Mgt.*
*Ruth Staples, B. S., *Instr. Home Econ.*
*Bess Steele, *Instr. Home Econ.*
*Jean J. Stewart, M. A., *Asst. Prof. Home Econ.*
*Maude Vedder, B. S., *Instr. Econ.*

Horticulture: *†C. C. Wiggans, Ph. D., *Chair. of Dept.*
*†F. M. Coe, M. S., *Instr. and Asst. Hort.*
‡E. H. Hoppert, B. S., *State Agt. in Hort.*
*†H. O. Werner, M. S., *Assoc. Prof. and Assoc. Hort.*

Veterinary Science: *†Leunis Van Es, M. D., V. S., *Chair. Dept. of An. Path. and Hyg.*

Veterinary Science—Continued.
†S. W. Alford, D. V. S., *Supt. Serum Plant.*
*†H. M. Martin, V. M. D., A. M., *Asst. Prof. An. Path. and Hyg.; Asst. Vet.*
*L. V. Skidmore, B. S., D. V. M., *Instr. An. Path.*

Miscellaneous:
*†R. P. Crawford, B. A., *Agr. Editor.*
*†L. E. Gunderson, *Finance Secy.*
‡Elton Lux, B. S., *Editorial Asst.*
*†Edna C. Noble, B. L., *Asst. in charge Libr.*
*S. W. Perin, *Farm Supt.*

Substations: E. A. Burnett, D. Sc., *in charge.*
North Platte Substa., *P. O., North Platte*—
W. P. Snyder, M. S., *Supt.*
L. L. Zook, B. S., *Agron. (Coop. U. S. D. A.).*
Scottsbluff Substa., *P. O., Mitchell*—
J. A. Holden, B. S., *Supt.*
Valentine Substa., *P. O., Valentine*—
E. M. Brouse, B. S., *Supt.*

NEVADA

College of Agriculture and the Agricultural Experiment Station of the University of Nevada, *Reno*

*College faculty. †Station staff. ‡Extension staff

*W. E. Clark, Ph. D., LL D., *President of University*
*‡Robert Stewart, Ph. D., *Dean Coll. of Agr.*
†S. B. Doten, M. A., *Dir. of Sta., Ent.*
‡C. W. Creel, B. S., *Dir. of Agr. Ext.*

Agronomy: Dean Stewart *in charge and Specialist in Soils.*
*†George Hardman, M. S., *Asst. Prof. Agron.; Asst. in Irrig.*

Animal Industry: *‡F. W. Wilson, M. S., *Prof. An. Husb. and Livestock Specialist.*
*‡V. E. Scott, B. S., *Prof. Dairying, Dairy and Poultry Specialist.*
†C. E. Fleming, B. S., *Range Mgt.*

Biology: *Peter Frandsen, A. M., *Prof. Biol.*
*C. L. Brown, A. M., *Instr. Biol.*
*P. A. Lehenbauer, Ph. D., *Assoc. Prof. Biol.*
*Margaret E. Mack, A. M., *Assoc. Prof. Biol.*

Chemistry: *Maxwell Adams, Ph. D., *Prof. Chem.*
†M. R. Miller, B. S., *Chem.*
*Ruth A. Billingburst, B. A., *Instr. Chem.*
*W. M. Hoskins, Ph. D., *Asst. Prof. Chem.*
*G. W. Sears, Ph. D., *Prof. Chem.*

Education (Agr.): *G. W. Barr, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.): †F. L. Bixby, C. E., *Irrig. (Coop. U. S. D. A.).*

Extension (Admin.):[1] Director Creel *in charge.*
*‡R. G. Foster, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*
*‡Mary E. Stillwell, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*

Home Economics: *Sarah L. Lewis, M. A., *Prof. Home Econ.*
*Mrs. Luella M. Foster, B. S., *State Supvr. Home Econ.*
*Louise K. Hammond, B. S., *Asst. Prof. Home Econ.*
*Jessie P. Pope, B. S., *Asst. Prof. Home Econ.*

Physics: *L. W. Hartman, Ph. D., *Prof. Phys.*
*G. B. Blair, A. M., *Assoc. Prof. Phys.*

Veterinary Science: †Edward Records, V. M. D., *Vet.*
†L. R. Vawter, D. V. M., *Vet. Path.*

Miscellaneous:
†Martha Ryan, *Libr. and Secy.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

NEW HAMPSHIRE

The College of Agriculture and the Mechanic Arts and the Agricultural Experiment Station of the University of New Hampshire, *Durham*

*College faculty. †Station staff. ‡Extension staff

*R. D. Hetzel, A. B., LL. D., *President of the University*
*†F. W. Taylor, B. S., *Dean Coll. of Agr. Agron.*
†‡J. C. Kendall, B. S., *Dir. of Sta., Dir. Ext. Service*

Agronomy: Dean Taylor *in charge.*
*†M. G. Eastman, M. S., *Asst. Prof. and Asst. Agron.*

Animal Industry: *†J. C. McNutt, B. S., *Prof. An. Husb.; An. Husb.*
*†J. M. Fuller, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†A. W. Richardson, B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡H. J. Bennett, B. S., *Field. Instr. Poultry Husb.*
*†H. F. DePew. B. S., *Asst. Prof. and Asst. Dairy Husb.*
*B. E. Huggins, *Instr. Dairy Husb.*
*F. L. McGettigan, B. S., *Instr. Poultry Husb.*
*†F. E. Mather, B. S., *Instr. and Asst. in Poultry Husb.*
†E. G. Ritzman, B. S., *Research Prof. An. Husb.*
*L. V. Tirrell, B. S., *Instr. An. Husb.*
‡G. L. Waugh, B. S., *Agt. in Dairying.*

Botany: *†O. R. Butler, Ph. D., *Prof. Bot.; Bot.*
*Mabel Brown, Ph. D., *Asst. Prof. Bot.*
*†L. J. Klotz, Ph. D., *Asst. Prof. and Asst. Bot.*

Chemistry: *†T. G. Phillips, Ph. D., *Prof. Agr. Chem.; Chem.*
*Charles James, F. I. C., *Prof. Chem.*
*H. C. Fogg, M. S., *Instr. Chem.*
*W. S. Frost, Ph. D., *Asst. Prof. Chem.*
*G. A. Perley, A. M., *Assoc. Prof. Chem.*
*†S. R. Shimer, M. S., *Instr. Agr. Chem.; Asst. Chem.*
*M. M. Smith, A. M., *Asst. Prof. Chem.*
†T. O. Smith, M. S., *Assoc. Chem.*

Education (Agr.): *Hollie L. Whittemore, B. S., *Asst. Prof. Agr. Ed.*

Entomology: *†W. C. O'Kane, M. A., *Prof. Econ. Ent.; Ent. (State Nursery Insp.).*
*†P. R. Lowry, M. S., *Asst. Prof. Econ. Ent.; Asst. Ent.*

Extension (Admin.):[1] Director Kendall *in charge.*
‡E. P. Robinson, B. S., *County Agt. Leader.*
‡Daisy D. Williamson, *State Home Dem. Leader.*
‡C. B. Wadleigh, B. S., *State Club Leader.*
‡Ann F. Beggs, *Asst. State Home Dem. Leader.*
‡Mary L. Sanborn, *Asst. State Club Leader.*
‡H. C. Woodworth, M. S., *Farm Mgt. Dem.*

Forestry: *†K. W. Woodward, M. F., *Prof. For.; For.*
*C. L. Stevens, B. S., *Asst. Prof. For.*

Home Economics:[2] *Mrs. Helen F. McLaughlin, B. S., *Prof. and Head of Dept.*
*Irma G. Bowen, *Instr. Household Arts.*
*Carrie A. Lyford, M. S., *Asst. Prof. Home Econ.*

Horticulture: *†G. F. Potter, M. S., *Prof. Hort.; Hort.*
*†J. R. Hepler, M. S., *Asst. Prof. and Asst. Hort.*
*†James Macfarlane, *Instr. Flor.; Florist.*
†O. H. Pearson, B. S., *Research Asst. in Hort.*
‡H. A. Rollins, B. S., *Ext. Asst. in Hort.*
*†S. W. Wentworth, B. S., *Asst. Prof. and Asst. Hort.*

Physics: *H. L. Howes, Ph. D., *Prof. Phys.*
*J. V. Adams, B. S., *Instr. Phys.*
*D. E. Higgins, M. S., *Instr. Phys.*
*Clement Moran, A. B., *Asst. Prof. Phys.*

Zoology: *C. F. Jackson, M. S., *Prof. Zool.*
*H. M. Emery, B. S., *Instr. Zool.*
*Alma D. Jackson, M. A., *Instr. Zool.*
*Edythe M. Tingley, M. S., *Instr. Zool.*

Miscellaneous:
*†W. P. Lewis, B. L. S., M. A., *Libr.*
†A. D. Littlehale, *Shepherd.*
†‡Elizabeth E. Mehaffey, *Asst. Libr.*
†‡H. B. Stevens, A. B., *Executive Secy.*

NEW JERSEY

State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station of Rutgers University and the State University of New Jersey, *New Brunswick*

*College faculty. †Station staff. ‡Extension staff

——— ———, *President of University*
*†J. G. Lipman, Ph. D., D. Sc., *Dean of Agr. and Dir. of Sta.*
‡H. J. Baker, B. S., *Dir. Div. of Ext. in Agr. and Home Econ.*

Animal Industry: *F. G. Helyar, B. S., *Prof. An. Husb. and Dir. of Short Courses.*
*J. W. Bartlett, B. S., *Prof. Dairy Husb.*
*G. W. Hervey, A. M., *Actg. Prof. Poultry Husb.*
‡W. H. Allen, B. S., *Poultry Specialist.*
*F. R. Beaudette, D. V. M., *Asst. Prof. Poultry Path.*

Animal Industry—Continued.
*C. B. Bender, M. S., *Instr. Dairy Husb.*
*F. C. Button, B. S., *Asst. Prof. Dairy Husb.*
‡E. J. Perry, B. S., *Dairy Specialist.*
*W. C. Skelley, M. S., *Asst. Prof. An. Husb.*

Bacteriology: *T. J. Murray, M. S., *Prof. Bact.*

Botany and Plant Pathology: *†J. W. Shive, Ph. D., *Chief of Div. Prof. Plant Physiol. Plant Physiol.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Courses given in College of Liberal Arts.

Botany and Plant Pathology—Continued.
*M. A. Chrysler, Ph. D., *Assoc. Prof. Bot.*
*Jessie G. Fiske, M. S., *Asst. Prof. Bot.*
†J. G. Gaines, M. S., *Research Asst. in Plant Path.*
†J. M. Ginsburg, M. S., *Research Asst. in Plant Physiol.*
*A. P. Kelley, Ph. D., *Instr. Bot.*
*†W. H. Martin, Ph. D., *Asst. Prof. and Plant Path.*
†W. R. Robbins, M. S., *Research Asst. in Plant Physiol.*

Chemistry: *R. G. Wright, Ph. D., *Prof. Chem.*
*A. C. de Regt, M. S., *Assoc. Prof. Chem.*
*T. B. Gates, M. S., *Instr. Chem.*
*I. M. Lee, A. M., *Instr. Chem.*
*Ernest Little, Ph. D., *Prof. Anal. Chem.*
*W. A. Lott, M. S., *Instr. Chem.*
*C. W. Rieman, 3d, M. S., *Instr. Chem.*
*E. L. Sargent, M. S., *Instr. Chem.*
*P. A. van der Meulen, Ph. D., *Assoc. Prof. Chem.*

Economics (Agr.): *Henry Keller, jr., M. S., *Asst. Prof. Agr. Econ.*
‡W. F. Knowles, A. B., *Agr. Econ. Specialist.*

Education (Agr.): *H. O. Sampson, A. M., *Prof. Agr. Ed.*
*H. B. Allen, B. S., *Asst. in Agr. Ed.*
*E. V. Bearer, M. S., *Instr. Agr. Ed.*

Engineering (Rural): *‡E. R. Gross, B. S., *Prof. Rural Engin.*
*D. B. Lucas, M. S., *Asst. in Rural Engin.*

Entomology: *†T. J. Headlee, Ph. D., *Prof. Ent.; Ent. (State Ent.).*
*Alvah Peterson, Ph. D., *Assoc. Prof. Ent.*
*Willem Rudolfs, Ph. D., *Instr. Ent.*

Extension (Admin.): [1] Director Baker *in charge.*
‡Marion Butters, B. S., *Asst. Dir.*
‡A. M. Hulbert, *Asst. Dir.*
‡M. Ethel Jones, M. A., *Asst. State Club Leader.*
‡B. F. Ramsburg, B. S., *Club Agt. at Large.*

Geology: *J. V. Lewis, S. B., *Prof. Geol.*

Home Economics: [2] *Mrs. Martha H. French, M. A., *Prof. Home Econ.*
‡Mrs. Marion C. Bell, B. S., *Home Mgt. Specialist.*
‡Helen G. Bishop, B. S., *Asst. Clothing Specialist.*
‡Marie C. Doermann, B. S., *Foods Specialist.*
‡Mrs. Catherine H. Griebel, *Clothing Specialist.*
*Alta M. Kelley, B. S., *Instr. Home Econ.*
*Mary I. Raven, M. A., *Asst. Prof. Home Econ*
*Florence E. Wagner, B. S., *Instr. Home Econ.*

Horticulture: *M. A. Blake, B. S., *Chief of Div.*
*J. H. Clark, M. S., *Instr. Pomol.*
*A. J. Farley, B. S., *Assoc. Prof. Hort.*
*H. F. Huber, B. S., *Instr. Veg. Gard.*
‡A. F. Mason, M. S., *Fruit Growing Specialist.*
‡C. H. Nissley, B. S., *Veg. Growing Specialist.*
*L. G. Schermerhorn, B. S., *Assoc. Prof. Veg. Gard.*

Physics: *George Winchester, Ph. D., *Prof. Phys.*
*A. L. Greenlees, Ph. D., *Instr. Phys.*
*D. D. Potter, A. M., *Instr. Phys.*
*F. R. Pratt, Ph. D., *Prof. Phys.*

Soils and Crops: Dean Lipman, *Chief of Div.*
*†A. W. Blair, A. M., *Prof. Agr. Chem.; Soil Chem.*
‡H. R. Cox, M. S., *Agron. Specialist.*
†J. S. Joffe, Ph. D., *Research Asst. in Soils.*
†H. C. McLean, Ph. D., *Soil Bact.*
*G. W. Musgrave, M. S., *Assoc. Prof. Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
*H. B. Sprague, M. S., *Instr. Agron.*
*†S. A. Waksman, Ph. D., *Lect. on Soil Microbiol.; Microbiol., Soil Research.*
†Clara H. Wark, *Lab. Asst.*

Zoology: *W. J. Crozier, Ph. D., *Prof. Zool.*
*L. A. Hausman, Ph. D., *Asst. Prof. Zool.*
*A. R. Moore, Ph. D., *Prof. Physiol.*
*T. C. Nelson, Ph. D., *Assoc. Prof. Zool.*

Miscellaneous:
‡R. W. DeBaun, B. S., *Asst. Editor.*
†F. A. Hall, B. S., *Asst. to Dir. of Sta.*
*G. A. Osborn, A. M., *Libr.*
*‡C. R. Woodward, M. A., *Secy., Editor.*

New Jersey State Agricultural Experiment Station, *New Brunswick*

†Station staff

†J. G. Lipman, Ph. D., D. Sc., *Director*

Animal Industry: †F. G. Helyar, B. S., *An. Husb.*
†J. W. Bartlett, B. S., *Dairy Husb.*
†G. W. Hervey, A. M., *Actg. Poultry Husb.*
†G. I. Ball, *Creamery Insp.*
†F. R. Beaudette, D. V. M., *Poultry Path.*
†C. B. Bender, M. S., *Asst. Dairy Husb.*
†J. J. Black, D. V. M., *Asst. Poultry Path. (P. O., Vineland).*
†F. C. Button, B. S., *Asst. Dairy Husb.*
†R. W. Chamberlain, B. S., *Research Asst. in Dairy Husb.*
†F. H. Ellckner, M. S., *Asst. in Poultry Research.*
†Martin Decker, *Asst. in Poultry Research.*
†R. R. Hannas, M. S., *Supt. Egg Laying Contests.*
†W. R. Robbers, *Supt. Advanced Registry.*
†W. C. Skelley, M. S., *Asst. An. Husb.*

Chemistry: †C. S. Cathcart, M. S., *Chem. (State Chem.).*
†F. S. Beckwith, B. S., *Fert. and Feed Sampler.*
†L. J. Fanciuf, B. S., *Asst. Chem.*
†Frank Groendyke, *Fert. and Feed Sampler.*
†L. R. Smith, B. S., *Asst. Chem.*
†A. C. Wark, *Asst. Chem.*
†R. L. Willis, B. S., *Asst. Chem.*

Economics (Agr.): †Henry Keller, jr., M. S., *Agr. Economist.*

Engineering (Rural): †E. R. Gross, B. S., *in charge.*
†D. B. Lucas, M. S., *Asst. in Rural Engin.*

Entomology: †T. J. Headlee, Ph. D., *Ent. (State Ent.).*
†C. S. Beckwith, M. S., *Asst. Ent. (Cranberry Invest.).*
†B. F. Driggers, M. S., *Asst. in Cranberry Invest.*

[1] For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.
[2] Teaching given in the College for Women.

Entomology—Continued.
†Ray Hutson, B. S., *Asst. Ent. in Apiculture.*
†Carl Ilg, *Lab. Asst.*
†Alvah Peterson, Ph. D., *Assoc. Ent.*
†Willem Rudolfs, Ph. D., *Biochem. in Ent.*
†L. A. Stearns, M. S., *Asst. Ent.*
†W. N. Walden, *Asst. Ent.*

Horticulture: †M. A. Blake, B. S., *Hort.*
†H. M. Biekart, B. S., *Florist.*
†J. H. Clark, M. S., *Asst. Pomol.*
†C. H. Connors, B. S., *Assoc. in Plant Brdg.*
†A. J. Farley, B. S., *Pomol.*
†H. F. Huber, B. S., *Asst. Oler.*
†Nico Mogendorff, B. S., *Research Asst. Pomol.*
†T. C. Rogers, B. S., *Research Asst. Pomol.*
†L. G. Schermerhorn, B. S., *Oler.*

Plant Pathology: †W. H. Martin, Ph. D., *Plant Path.*
†L. G. Campbell, *Field Asst. in Plant Path.*
†Elizabeth Clark, M. S., *Research Asst. in Plant Path.*
†C. M. Haenseler, Ph. D., *Assoc. Plant Path.*
†R. F. Poole, Ph. D., *Assoc. Plant Path.*

Seed Analysis: †Jessie G. Fiske, M. S., *Seed Analyst.*
†S. L. Boyce, *Asst. Seed Analyst.*
†F. M. Colt, B. S., *Asst. Seed Analyst.*

Seed Analysis—Continued.
†Bonnie R. Fudge, B. S., *Asst. Seed Analyst.*
†J. A. Small, B. S., *Seed Insp.*

Sewage Research: †Willem Rudolfs, Ph. D., *Chief.*
†A. J. Fischer, B. S., Ch. E., *Asst. Chem.*
†Margaret Hotchkiss, Ph. D., *Bact.*
†J. B. Lackey, M. A., *Research Zool.*

Soils and Crops: Dean Lipman, *Soil Chem. and Bact.*
†A. W. Blair, A. M., *Soil Chem.*
†H. Heukelekian, M. S., *Asst. Soil Bact.*
†C. D. Jones, M. S., *Research Asst. in Soils.*
†H. C. McLean, Ph. D., *Soil Bact.*
†G. W. Musgrave, M. S., *Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
†H. B. Sprague, M. S., *Asst. Agron.*

Zoology: †T. C. Nelson, Ph. D., *Biol. in Oyster Invest.*
†W. H. Dumont, M. S., *Oyster Research Specialist.*

Miscellaneous:
†Herminie R. Broedel, Litt. B., *Asst. Editor.*
†R. W. DeBaun, B. S., *Asst. Editor.*
†F. A. Hall, B. S., *Asst. to Dir. of Sta.*
†G. A. Osborn, A. M., *Libr.*
†Elizabeth G. Skillman, B. S., *Asst. Libr.*
†C. R. Woodward, M. A., *Editor.*

NEW MEXICO

New Mexico College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *State College* **(freight and express address,** *Mesilla Park*)

*College faculty. †Station staff. ‡Extension staff

*H. L. Kent, M. S., *President and Dean School of Agr.*
*††‡Fabian Garcia, M. S., *Dir. of Sta.*
‡C. F. Monroe, M. Agr., *Dir. of Ext. Service*

Agronomy: *†J. C. Overpeck, M. S., *Prof. Agron.; Agron.*
*†W. T. Conway, B. S., *Asst. Prof. and Asst. Agron.*
*†H. V. Jordan, M. A., *Asst. Prof. and Asst. Agron.*
‡G. R. Quesenberry, B. S., *Ext. Agron.*

Animal Industry: *†J. L. Lantow, M. S., *Prof. An. Husb.; An. Husb.*
*†O. C. Cunningham, B. S., *Prof. Dairying; Dairyman.*
*†‡A. L. Walker, M. S., *Prof. Poultry Husb.; Poultryman.*
‡Hugh Hurst, D. V. M., *Livestock Specialist.*
*†M. G. Snell, A. M., *Asst. Prof. and Asst. An. Husb.*

Biology: *†R. F. Crawford, M. S., *Prof. Biol.; Biol.*
*†P. M. Gilmer, Ph. D., *Asst. Prof. Biol.; Ent.*

Chemistry: *†C. W. Botkin, A. M., *Prof. Chem.; Chem. (State Chem.).*
*†G. R. Hamiel, M. A., *Asst. Prof. and Asst. Chem.*
†A. J. Pinckney, M. S., *Asst. Chem.*
*†H. W. Titus, A. B., *Assoc. Prof. Chem.; Nutr. Chem.*

Education (Agr.): *C. D. Bohannan, A. B. *Prof. Voc. Ed.*

Engineering (Agr.): *H. O. Garst, C. E., *Prof. Irrig. Engin.*
†D. W. Bloodgood, B. S. M. E., *Irrig. Engin. (Coop. U. S. D. A.).*
†A. S. Curry, B. S., *Asst. in Irrig.*

Extension (Admin.): [1] Director Monroe *in charge.*
‡W. L. Elser, B. S., *Asst. Dir.*
‡L. H. Hauter, M. S., *Asst. Dir.*
‡H. S. Moles, B. S., *Asst. Dir. (County Agt. Work).*
‡Roberta S. Sinclair, M. A., *State Home Dem. Leader.*
‡Grace B. Long, B. S., *Asst. State Home Dem. Leader.*

Home Economics: [2] *Grace Dewey, M. S., *Prof. Home Econ.*
*Margaret A. O'Loughlin, M. S., *Asst. Prof. Home Econ.*

Horticulture: Director Garcia *in charge.*
*†A. B. Fite, M. S., *Assoc. Prof. and Asst. Hort.*

Miscellaneous:
†Dorothy J. Peters, *Libr.*
‡C. A. McNabb, *Field Agt. in Marketing.*
†C. P. Wilson, M. S., *Editor and Secy.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in School of General Science.

NEW YORK

New York State College of Agriculture and the Agricultural Experiment Station at Cornell University,[1] *Ithaca*

*College faculty. †Station staff. ‡Extension staff

*Livingston Farrand, M. D., LL. D., L. H. D., *President of University*
*†‡A. R. Mann,[2] B. S. A., A. M., *Dean Coll. of Agr.*
†R. W. Thatcher, M. A., D. Agr., *Dir. of Stations*
‡C. E. Ladd, Ph. D., *Dir. of Ext.*
*Cornelius Betten, Ph. D., D. Sc., *Dir. of Resident Instruction. Actg. Dean of Coll.*

Agronomy: *†‡T. L. Lyon, Ph. D., *Head Dept. of Agron.*
*†‡R. A. Emerson, D. Sc., *Head Dept. of Plant Brdg.*
‡J. H. Barron, B. S., *Ext. Prof. Field Crops.*
*†J. A. Bizzell, Ph. D., *Prof. Soil Tech.; Agron.*
*H. O. Buckman, Ph. D., *Prof. Soil Tech.*
*F. P. Bussell, Ph. D., *Prof. Plant Brdg.*
*H. P. Cooper, Ph. D., *Asst. Prof. Field Crops.*
†W. T. Craig, *Asst. in Cereal Invest. (Coop. U. S. D. A.).*
‡L. A. Dalton, B. S., *Asst. Ext. Prof. Field Crops.*
*F. H. Dennis, *Asst. in Plant Brdg. Invest.*
*Ernest Dorsey, Ph. D., *Instr. Plant Brdg.*
†Leah English, B. S., *Analyst in Agron.*
†W. I. Fisher, *Asst. in Plant Brdg. Invest.*
*†A. C. Fraser, Ph. D., *Asst. Prof. Plant Brdg.*
*A. W. Gibson, B. S., *Instr. Farm Pract.*
‡A. F. Gustafson, Ph. D., *Ext. Prof. Soil Tech.*
*H. C. Harris, A. B., *Asst. Agron.*
*L. J. Henning, M. S., *Asst. Agron.*
†F. B. Howe, M. S., *Soil Surveyor.*
*A. C. King, B. S. A., *Prof. Farm Pract. and Farm Superintendence.*
†E. W. Leland, B. S. A., *Experimentalist in Soil Tech.*
*R. D. Lewis, B. S., *Instr. Plant Brdg.*
‡J. R. Livermore, B. S., *Ext. Instr. Plant Brdg.*
*†H. H. Love, Ph. D., *Prof. Plant Brdg.*
†‡C. H. Myers, Ph. D., *Ext. Prof. Plant Brdg.*
*†R. G. Wiggans, Ph. D., *Asst. Prof. Plant Brdg.*
*†B. D. Wilson, Ph. D., *Asst. Prof. Soil Tech.; Agron.*
*†J. K. Wilson, Ph. D., *Prof. Soil Tech.; Agron.*
*‡E. L. Worthen, M. S., *Ext. Prof. Soil Tech.*

Animal Husbandry: *†‡H. H. Wing, M. S., *Head of Dept.*
*C. L. Allen, Ph. D., *Asst. Prof. An. Husb.*
‡W. T. Crandall, M. S., *Asst. Ext. Prof. An. Husb.*
‡W. T. Grams, B. S., *Ext. Instr. An. Husb.*
*†M. W. Harper, M. S., *Prof. An. Husb.*
*R. B. Hinman, M. S., *Asst. Prof. An. Husb.*
‡H. A. Hopper, M. S., *Ext. Prof. An. Husb.*
*W. E. Krauss, B. S., *Instr. An. Husb.*
‡B. A. Leffingwell, B. S., *Ext. Instr. An. Husb.*
*†L. A. Maynard, Ph. D., *Prof. An. Husb.*
‡H. J. Metzger, D. V. M., *Asst. Ext. Prof. An. Husb.*
†R. C. Miller, B. S., *Analyst in An. Husb.*
*F. H. Peabody, *Stockman in An. Husb.*
*†‡E. S. Savage, Ph. D., *Prof. An. Husb.*
*C. D. Schutt, *Instr. An. Husb.*
‡G. W. Tallby, Jr., B. S., *Ext. Instr. An. Husb.*
*E. E. Vial, M. S., *Instr. An. Husb.*
*H. A. Weaver, B. S., *Instr. An. Husb.*

Botany: *†‡K. M. Wiegand, Ph. D., *Head of Dept.*
*F. L. Anderson, B. S., *Asst. Bot.*
*C. A. Arnold, B. S., *Asst. Bot.*
*P. R. Burkholder, A. B., *Asst. Bot.*
*S. H. Burnham, B. S., *Asst. Curator.*
*†O. F. Curtis, Ph. D., *Prof. Bot.*
*†A. J. Eames, Ph. D., *Prof. Bot.*
*F. S. Eaton, B. Ph., *Asst. Bot.*
*Robert Goldin, B. S. *Asst. Bot.*
*Mrs. Adele L. Grant, Ph. D., *Instr. Bot.*
*L. R. Hawthorn, B. S., *Asst. Bot.*
*D. G. Haylett, M. S., *Asst. Bot.*
*J. E. Knott, B. S., *Instr. Bot.*
*†Lewis Knudson, Ph. D., *Prof. Bot.*
*Barbara McClintock, B. S., *Asst. Bot.*
*W. E. Manning, A. B., *Instr. Bot.*
*†W C. Muenscher, Ph. D., *Asst. Prof. Econ. Bot.*
†Donald Reddick, Ph. D., *Prof. Plant Path*
*†J. R. Schramm, Ph. D., *Prof. Bot.*
*†L. W. Sharp, Ph. D., *Prof. Bot.*

Chemistry (Agr.): *†‡G. W. Cavanaugh, B. S., *Prof. Chem. in its Relation to Agr.*

Dairy Industry: *†‡J. M. Sherman, Ph. D., *Head of Dept.*
*†W. A. Stocking, M. S. A., *Dairy Indus. Research.*
*H. B. Alger, B. S., *Instr. Dairy Indus.*
‡W. E. Ayres, *Ext. Instr. Dairy Indus.*
‡J. D. Brew, M. S., *Ext. Prof. Dairy Indus.*
*H. R. Curran, B. S., *Instr. Dairy Indus.*
*†W. W. Fisk, M. S., *Prof. Dairy Indus.*
*†E. S. Guthrie, Ph. D., *Prof. Dairy Indus.*
*I. C. Hall, Ph. D., *Prof. Bact.*
*†T. J. McInerney, M. S., *Asst. Prof. Dairy Indus.*
*W. V. Price, M. S., *Instr. Dairy Indus.*
*P. S. Prickett, B. S., *Instr. Dairy Indus.*
*H. E. Ross, M. S., *Prof. Dairy Indus.*
*P. F. Sharp, Ph. D., *Prof. Dairy Indus.*
*†H. C. Troy, B. S., *Prof. Dairy Indus.*
*Randall Whitaker, B. S., *Instr. Dairy Indus.*

Economics (Agr.): *†‡G. F. Warren, Ph. D. *Head of Dept. Prof. Econ. and Farm Mgt.*
*William Allen, B. S., *Instr. Farm Mgt.*
*B. W. Barkas, M. A., *Instr. Rural Econ.*
*R. W. Bartlett, B. S., *Asst. in Marketing.*
*J. F. Booth, M. S., *Instr. Marketing.*
*J. E. Boyle, Ph. D., *Prof. Rural Econ.*
*I. J. Call, B. S., *Instr. Farm Mgt.*
*R. B. Corbett, B. S., *Instr. Marketing.*
*J. O. Ellsworth, M. S., *Asst. in Rural Econ.*
*H. S. Gabriel, M. S., *Instr. Transportation.*
*A. B. Genung, B. S., *Instr. Farm Mgt.*
‡I. F. Hall, B. S., *Ext. Instr. Farm Mgt.*
*J. F. Harriott, B. S., *Instr. Farm Mgt.*
*V. B. Hart, Ph. D., *Asst. Prof. Farm Mgt.*

[1] All members of the college faculty do experimental work as required. [2] On leave.

Economics (Agr.)—Continued.
*†M. L. Holmes, M. B. A., *Actg. Asst. Prof. Marketing.*
*G. R. Kreisel, B. S., *Asst. in Farm Mgt.*
*G. N. Lauman, B. S., *Prof. Rural Econ.*
*†E. G. Misner, Ph. D., *Prof. Farm Mgt.*
*†W. I. Myers, Ph. D., *Prof. Farm Finance; Farm Mgt. Work.*
*†C. V. Noble, Ph. D., *Asst. Prof. Farm Mgt.*
*†F. A. Pearson, Ph. D., *Prof. Marketing.*
*E. A. Perregaux, B. S., *Instr. Marketing.*
*Whiton Powell, A. B., *Instr. Marketing.*
*‡M. P. Rasmussen, B. S., *Asst. Prof. Marketing.*
*I. H. Rodwell, B. S., *Asst. in Marketing.*
*H. A. Ross, Ph. D., *Asst. Prof. Marketing (Coop. U. S. D. A.).*
*†G. P. Scoville, M. A., *Prof. Farm Mgt.*
*†Leland Spencer, Ph. D., *Asst. Prof. Marketing (Coop. U. S. D. A.).*
*M. F. Thurston, A. B., *Instr. Rural Econ.*
*L. M. Vaughan, B. S., *Instr. Farm Mgt.*
*‡F. P. Weaver, M. S., *Instr. Farm Mgt.*
*G. A. West, jr., B. S., *Instr. Marketing.*

Education (Rural): *††G. A. Works, M. S., Ph. B., *Head Dept. Rural Ed.*
*††E. D. Sanderson, Ph. D., *Head Dept. of Rural Social Organ.*
*T. L. Bayne, jr., M. S., *Instr. Rural Ed.*
*Cora E. Binzel, *Prof. Rural Ed.*
*J. E. Butterworth, Ph. D., *Prof. Rural Ed.*
‡Mary E. Duthie, B. S., *Ext. Instr. Rural Social Organ.*
*T. H. Eaton, Ph. D., *Prof. Rural Ed.*
‡R. A. Felton, M. A., Ph. B., *Ext. Prof. Rural Social Organ.*
*E. N. Ferriss, Ph. D., *Prof. Rural Ed.*
*E. R. Hoskins, M. S., *Instr. Rural Ed.*
*†P. J. Kruse, Ph. D., *Prof. Rural Ed.*
*May M. Mattson, B. S., *Instr. Rural Ed.*
*†B. L. Melvin, Ph. D., *Actg. Prof. Rural Social Organ.*
*E. L. Palmer, Ph. D., *Prof. Rural Ed.*
*R. M. Stewart, Ph. D., *Prof. Rural Ed.*

Engineering (Rural): *††H. W. Riley, M. E., *Head of Dept.*
‡F. G. Behrends, B. S., *Ext. Prof. Rural Engin.*
*†F. L. Fairbanks, M. E., *Asst. Prof. Rural Engin.*
‡A. M. Goodman, B. S., *Asst. Ext. Prof. Rural Engin.*
*B. A. Jennings, B. S., *Instr. Rural Engin.*
*J. C. McCurdy, B. S., C. E., *Prof. Rural Engin.*
*F. H. Randolph, B. A., M. E., *Asst. Prof. Institutional Engin.*
*J. E. Reyna, E. E., M. A., *Asst. Prof. Rural Engin.*
*‡B. B. Robb, M. S., *Prof. Rural Engin.*
*L. M. Roehl, B. S., *Asst. Prof. Farm Shop.*
‡N. D. Steve, B. S., *Asst. Ext. Prof. Rural Engin.*
*F. B. Wright, M. S., *Instr. Rural Engin.*

Entomology: *††J. G. Needham, Ph. D., Litt. D., *Head of Dept.*

Entomology—Continued.
*†J. C. Bradley, Ph. D., *Prof. Ent.; Curator Invertebrate Zool.*
*V. N. Argo, B. S., *Asst. in Biol.*
‡P. J. Chapman, B. S., *Ext. Instr. Ent.*
*†P. W. Claassen, Ph. D., *Asst. Prof. Biol.*
*R. B. Cowles, A. B., *Instr. Biol.*
††‡C. R. Crosby, A. B., *Ext. Prof. Ent.*
*N. L. Cutler, B. A., *Asst. in Biol.*
*†G. C. Embody, Ph. D., *Prof. Aquiculture.*
*W. T. M. Forbes, Ph. D., *Instr. Ent.*
*Grace H. Griswold, B. S., *Instr. Ent.*
*†G. W. Herrick, B. S., *Prof. Econ. Ent.; Ent.*
*†O. A. Johannsen, Ph. D., *Prof. Ent.; Ent.*
*†Robert Matheson, Ph. D., *Prof. Econ. Ent.; Ent.*
*M. C. Mossop, B. S., *Asst. Ent.*
*†E. F. Phillips, Ph. D., *Prof. Apiculture.*
*Grace Sandhouse, M. A., *Preparator in Ent.*
*C. K. Sibley, B. S., *Instr. Limnology.*
†L. P. Wehrle, Ph. D., *Research Instr. Ent.*
*L. S. West, B. S., *Instr. Parasitol.*
‡R. B. Willson, B. S., *Specialist in Apiculture.*

Extension (Admin.):[1] Director Ladd *in charge.*
‡Jay Coryell, B. S., *County Agt. Leader.*
‡Martha Van Rensselaer, A. B., *State Home Dem. Leader.*
‡W. J. Wright, M. S., *State Leader Junior Ext., Ext. Prof. Rural Ed.*
‡Adelaide A. Barts, B. S., *Asst. State Home Dem. Leader.*
‡Erl Bates, M. D., *Adviser in Indian Ext.*
‡Helen Canon, B. S., *Asst. State Leader Home Dem. Agts.*
‡D. S. Cook, B. S., *Instr. in Ext. Service.*
*‡D. J. Crosby, M. S., *Prof. in Ext. Service.*
‡P. L. Dunn, B. S., *Instr. in Ext. Service.*
*‡G. A. Everett, A. B., LL. B., *Prof. Ext. Teaching.*
‡E. A. Flansburgh, B. S., *Asst. County Agt. Leader.*
‡Claribel Nye, B. S., *Asst. State Home Dem. Leader.*
‡G. E. Peabody, B. S., *Instr. in Ext. Service.*
‡Montgomery Robinson, Litt. B., B. S., *Prof. in Ext. Service.*
‡Doris Schumaker, B. S., *Asst. State Home Dem. Leader.*
‡L. R. Simons, B. S., *Asst. County Agt. Leader.*
‡Mrs. Ruby G. Smith, Ph. D., *Assoc. State Leader Home Dem. Agts.*
‡Mildred Stevens, B. S., *Asst. State Club Leader.*
‡C. A. Taylor, *Asst. County Agt. Leader.*
*‡R. H. Wheeler, B. S., *Prof. in Ext. Service.*
‡D. P. Witter, *Adviser in Institute Ext.*
‡P. R. Young, B. S., *Asst. State Leader Junior Ext.*

Forestry: *†‡ R. S. Hosmer, B. A. S., M. F., *Head of Dept.*
*†John Bentley, jr., M. F., *Prof. For. Engin.; For.*
*F. E. Cobb, B. S., *Asst. For.*
‡J. A. Cope, B. S., *Ext. Asst. Prof. For.*
*J. E. Davis, B. S., *Asst. For.*
*S. E. Davis, jr., B. S., *Asst. For.*
*C. H. Guise, M. F., *Asst. Prof. For. Mgt.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Forestry—Continued.
*A. B. Recknagel, M. F., *Prof. For. Mgt. and Utilization.*
*†J. N. Spaeth, M. F., *Research Asst. Prof. For.*
*S. N. Spring, M. F., *Prof. Silviculture.*

Home Economics: *‡Martha Van Rensselaer, A. B., *Head of Dept.*
*††Flora Rose, M. A., *Head of Dept.*
‡O. Jean Bell, B. S., *Ext. Instr. Home Econ.*
*Beulah Blackmore, B. S., *Prof. Home Econ.*
‡Alice M. Blinn, B. S., *Ext. Asst. Prof. Home Econ.*
*Mrs. Jessie A. Boys, M. S., *Asst. Prof. Home Econ.*
‡Sarah L. Brewer, B. S., *Asst. Ext. Prof. Home Econ.*
*Frances A. Brookins, *Instr. Home Econ.*
*Elva T. Campbell, *Instr. Home Econ.*
‡Ola Day, Ph. B., *Ext. Instr. Home Econ.*
*Faith Fenton, B. S., *Instr. Home Econ.*
‡Mildred N. Gardner, B. S., *Ext. Instr. Home Econ.*
‡Edna G. Gleason, B. S., *Ext. Instr. Home Econ.*
*Mary F. Henry, A. B., *Prof. Home Econ.*
‡Erma E. Hollen, M. S., *Ext. Instr. Home Econ.*
*F. Beatrice Hunter, B. S., *Asst. Prof. Home Econ.*
‡Jennie C. Jones, *Ext. Instr. Home Econ.*
*Ruth M. Kellogg, B. S., *Asst. Prof. Home Econ.*
*Lucy Kimball, M. A., *Instr. Home Econ.*
*Mrs. Carolyn B. McIlroy, *Instr. Home Econ.*
*H. B. Meek, M. A., *Prof. Institutional Mgt.*
*Mrs. Lois F. Meek, B. S., *Asst. Prof. Home Econ. and Mgr. of Cafeteria.*
*Helen Monsch, M. A., *Prof. Home Econ.*
*‡Caroline Morton, B. S., *Asst. Prof. Home Econ.*
*Mrs. Irene D. Nehrling, B. S., *Instr. Home Econ.*
*Reena Roberts, M. A., *Asst. Prof. Home Econ.*
‡Mrs. Nancy McN. Roman, Ph. B., *Asst. Ext. Prof. Home Econ.*
*Ruth J. Scott, B. S., *Instr. Home Econ.*
*Frances A. Scudder, B. S., *Instr. Home Econ.*
‡Edna V. Smith, B. S., *Ext. Instr. Home Econ.*
‡Dora F. Sonnenday, Ph. B., *Ext. Instr. Home Econ.*
*†Adelaide Spohn, Ph. D., *Prof. Home Econ.*
‡Flora M. Thurston, B. S., *Asst. Ext. Prof. Home Econ.*
*Annette J. Warner, *Prof. Home Econ.*
‡Ann W. Watkins, *Ext. Instr. Home Econ.*
*Charlotte E. Weiss, *Instr. Home Econ.*
*Dora H. Wetherbee, *Asst. Prof. Home Econ.*

Horticulture: *††E. A. White, B. S., *Head Dept. of Flor. and Ornamental Hort.*
*††H. C. Thompson, M. S., *Head Dept. of Veg. Gard.*
*††A. J. Heinicke, Ph. D., *Head Dept. of Pomol.*
‡R. M. Adams, B. S., *Asst. Ext. Prof. Veg. Gard.*
*†A. C. Beal, Ph. D., *Prof. Flor.*
*†D. B. Carrick, Ph. D., *Prof. and Research Pomol.*
*‡R. W. Curtis, M. S., *Prof. Ornamental Hort.*
*E. G. Davis, B. S., *Prof. Landsc. Arch.*
*†E. V. Hardenburg, Ph. D., *Asst. Prof. Veg. Gard.*
*C. E. Hunn, *Instr. Plant Propagation.*
*†L. H. MacDaniels, Ph. D., *Prof. Pomol.*

Horticulture—Continued.
*†H. S. Mills, M. S., *Instr. Veg. Gard.*
*Lua A. Minns, M. S., *Instr. Flor.*
*A. H. Nehrling, *Prof. Flor.*
‡Joseph Oskamp, B. S., *Ext. Prof. Pomol.*
‡G. W. Peck, M. S., *Ext. Prof. Pomol.*
‡J. P. Porter, M. S., M. L. D., *Asst. Ext. Prof. Ornamental Hort.*
*A. W. W. Sand, M. S., *Instr. Flor. and Ornamental Hort.*
*H. W. Schneck, M. S., *Asst. Prof. Veg. Gard.*
‡F. O. Underwood, B. S., *Asst. Ext. Prof. Veg. Gard.*
†P. H. Wessels, M. S., *Research Prof. Veg. Gard. (P. O., Riverhead.)*
*†Paul Work, Ph. D., *Prof. Veg. Gard.*

Meteorology: *†W. M. Wilson, M. D., *Head of Dept.*
*R. A. Mordoff, Ph. D., *Prof. Met.*

Plant Pathology: *††L. M. Massey, Ph. D., *Head of Dept.*
‡M. F. Barrus, Ph. D., *Ext. Prof. Plant Path.*
*†F. M. Blodgett, Ph. D., *Asst. Prof. Plant Path.*
*†W. H. Burkholder, Ph. D., *Asst. Prof. Plant Path.*
‡C. D. Chupp, Ph. D., *Asst. Ext. Prof. Plant Path.*
‡K. H. Fernow, B. S., *Ext. Instr. Plant Path.*
*†H. M. Fitzpatrick, Ph. D., *Prof. Plant Path.*
*J. E. Flynn, M. S., *Instr. Plant Path.*
‡E. F. Guba, Ph. D., *Asst. Ext. Prof. Plant Path.*
*E. E. Honey, B. S., *Instr. Plant Path.*
*S. E. A. McCallan, B. S., *Asst. in Plant Path.*
*J. W. Sinden, A. B., *Asst. Plant Path.*
*Dewey Stewart, M. S., *Asst. Plant Path.*
*†H. E. Thomas, M. S., *Asst. Prof. Plant Path.*
*D. S. Welch, B. S., *Instr. Plant Path.*
*Cynthia Wescott, A. B., *Instr. Plant Path.*
*†H. H. Whetzel, M. A., *Prof. Plant Path.*

Poultry Husbandry: *††J. E. Rice, B. S., *Head of Dept.*
‡H. E. Botsford, B. S., *Asst. Ext. Prof. Poultry Husb.*
*R. C. Bradley, M. S., *Instr. Poultry Husb.*
*G. O. Hall, M. S., *Instr. Poultry Husb.*
*†G. F. Heuser, Ph. D., *Prof. Poultry Husb.*
‡L. M. Hurd, *Ext. Instr. Poultry Husb.*
‡W. G. Krum, *Ext. Instr. Poultry Husb.*
*†L. C. Norris, Ph. D., *Instr. Poultry Husb.*
‡R. C. Ogle, *Ext. Instr. Poultry Husb.*
*C. K. Powell, M. S., *Instr. Poultry Husb.*
‡L. E. Weaver, B. S., *Asst. Ext. Prof. Poultry Husb.*

Publication: *‡Bristow Adams, B. A., *Editor and Chief of Pubs., Prof. in Ext. Service.*
†Lela G. Gross, *Asst. Editor of Pubs.*
‡H. A. Stevenson, B. S., *Super. Farm Study Courses and Asst. Prof. in Ext. Service.*
‡Katherine Thorp, M. A., *Asst. Editor of Pubs.*

Zoology: *H. D. Reed, Ph. D., *Head of Dept.*
*††A. A. Allen, Ph. D., *Asst. Prof. Ornith.*
*Mary J. Fisher, Ph. D., *Instr. Zool.*
*Frances Harper, A. B., *Instr. Ornith.*
*A. S. Hazzard, A. B., *Instr. Zool.*
*Eleanor C. McMullen, A. B., *Instr. Zool.*
*Amy G. Mekeel, A. M., *Instr. Zool.*
*M. D. Pirnie, B. S., *Instr. Ornith.*
*A. H. Wright, Ph. D., *Asst. Prof. Zool.*
*B. P. Young, Ph. D., *Asst. Prof. Zool.*

New York State Agricultural Experiment Station, *Geneva*

†Station staff

†R. W. Thatcher, M. A., D. Agr., *Director*

Agronomy: †R. C. Collison, M. S., *Chief in Research (Agron.).*
†G. W. Churchill, *Agr.*
†J. D. Harlan, B. S., *Asst. in Research (Agron.).*
†J. E. Mensching, M. S., *Assoc. in Research (Agron.).*

Animal Industry: †A. C. Dahlberg, M. S., *Assoc. in Research (Dairying).*
†J. C. Henning, M. S., *Asst. in Research (Dairying).*
†J. C. Marquardt, B. S., *Assoc. in Research (Dairying).*
†W. P. Wheeler, *Assoc. in Research (Poultry).*

Bacteriology: †R. S. Breed, Ph. D., *Chief in Research (Bact.).*
†H. J. Conn, Ph. D., *Chief in Research (Soil Bact.).*
†G. J. Hucker, Ph. D., *Assoc. in Research (Bact.).*
†A. H. Robertson, M. S., *Asst. in Research (Bact.).*

Biochemistry: †R. J. Anderson, Ph. D., *Chief in Research (Biochem.).*
†F. P. Nabenhauer, Ph. D., *Asst. in Research (Biochem.).*

Botany: †F. C. Stewart, M. S., *Chief in Research (Bot.).*
†E. E. Clayton, Ph. D., *Assoc. in Research (Plant Path.: P. O., Riverhead, L. I.).*
†W. O. Gloyer, M. A., *Assoc. in Research (Bot.).*
†Elizabeth F. Hopkins, A. B., *Asst. in Research (Bot.).*
†M. T. Munn, M. S., *Assoc. in Research (Bot.).*
†W. H. Rankin, Ph. D., *Assoc. in Research (Plant Path.).*
†E. V. Shear, jr., M. S., *Assoc. in Research (Plant Path.: P. O., Poughkeepsie).*

Chemistry: †L. L. Van Slyke, Ph. D., *Chief in Research (Chem.).*
†R. C. Bender, B. S., *Asst. in Research (Chem.).*

Chemistry—Continued.
†D. C. Carpenter, Ph. D., *Assoc. in Research (Chem.)*
†A. W. Clark, B. S., *Assoc. in Research (Chem.).*
†R. B. Dayton, B. S., *Asst. in Research (Chem.).*
†M. G. Moore, B. S., *Asst. in Research (Chem.).*
†L. R. Streeter, M. S., *Asst. in Research (Insecticide and Fungicide Invest.).*
†M. P. Sweeney, M. A., *Asst. in Research (Chem.).*
†W. F. Walsh, B. S., *Asst. in Research (Chem.).*

Entomology: †P. J. Parrott, M. A., *Chief in Research (Ent.).*
†Hugh Glasgow, Ph. D., *Assoc. in Research (Ent.).*
†S. W. Harman, B. S., *Asst. in Research (Ent.).*
†F. Z. Hartzell, M. A., *Assoc. in Research (Ent., Chautauqua Grape Work: P. O., Fredonia).*
†H. C. Huckett, Ph. D., *Assoc. in Research (Ent.: P. O., Riverhead, L. I.).*
†F. G. Mundinger, M. S., *Assoc. in Research (Ent.: P. O., Poughkeepsie).*

Horticulture: †U. P. Hedrick, D. Sc., *Chief in Research (Hort.), Vice Dir. of Sta.*
†Alwin Berger, *Asst. in Research (Hort.).*
†Olav Einset, B. A., *Asst. in Research (Hort.).*
†F. E. Gladwin, B. S., *Assoc. in Research (Hort., Chautauqua Grape Work: P. O., Fredonia).*
†F. H. Hall, B. S., *Assoc. in Research (Veg. Gard. and Canning Crops).*
†G. H. Howe, B. S., *Assoc. in Research (Hort.).*
†G. L. Slate, B. S., *Asst. in Research (Hort.).*
†O. M. Taylor, *Assoc. in Research (Hort.).*
†H. B. Tukey, M. S., *Assoc. in Research (Hort.: P. O., Hudson).*
†Richard Wellington, M. S., *Assoc. in Research (Hort.).*

Miscellaneous:
†J. D. Luckett, M. S., *Editor.*
†Catharine S. Oaks, B. A., *Libr.*

NORTH CAROLINA

North Carolina State College of Agriculture and Engineering and the Agricultural Experiment Station, *State College Station, Raleigh*

*College faculty. †Station staff. ‡Extension staff

*E. C. Brooks, Litt. D., LL. D., *President*
*†B. W. Kilgore, Sc. D., *Dean School of Agr., Dir. of Sta.*
‡I. O. Schaub, B. S., *Dir. of Ext. Service*

Agronomy: *W. H. Darst, B. S., *Chair. of Group. Prof. Farm Crops.*
†F. O. Bartel, C. E., *Drainage Engin. (Coop. U. S. D. A.).*
‡E. C. Blair, B. S., *Agron. Specialist.*
*J. B. Bookhardt, B. S., *Instr. Agr. Engin.*
*W. B. Cobb, M. S., *Assoc. Prof. Soils.*
*J. B. Cotner, M. S., *Assoc. Prof. Farm Crops.*
†S. F. Davidson, B. S., *Asst. in Soil Survey.*
†W. A. Davis, *Asst. in Soil Survey.*
†G. M. Garren, M. S., *Asst. in Plant Brdg.*
†S. K. Jackson, B. S., *Asst. in Soil Fert.*

Agronomy—Continued.
†P. H. Kime, B. S., *Asst. Agron.*
‡H. A. McGee, *Tobacco Specialist (P. O., Oxford).*
†H. B. Mann, B. S., *Asst. in Soil Agron.*
*†W. F. Pate, M. S., *Prof. Soils; in charge Soil Fert. Invest.*
‡E. R. Raney, B. S., *Farm Engin. Specialist.*
*D. S. Weaver, B. S., *Assoc. Prof. Agr. Engin.*
†C. B. Williams, M. S., *Asst. Dir. of Research.*
†L. G. Willis, B. S., *Soil Chem.*
*G. L. Winchester, B. S., *Instr. Farm Crops.*

Agronomy—Continued.
*†R. Y. Winters, Ph. D., *Prof. Plant Brdg.; in charge Plant Brdg. Work.*

Animal Industry: *R. H Ruffner, B. S., *Chair. of Group. Prof. An. Husb. and Dairying.*
‡J. A. Arey, B. S., *in charge Dairy Cattle Ext.*
*‡W. L. Clevenger, B. S., *Assoc. Prof. Dairy Mfg.*
††R. S. Curtis, B. S., *Assoc. in An. Indus.*
‡F. R. Farnham, *Dairy Farming Specialist.*
‡W. A. Graham, *Cheese Specialist.*
*David Gray, B. S., *Instr. An. Husb.*
*F. M. Haig, M. S., *Asst. Prof. An. Husb. and Dairying.*
‡W. V. Hays, *Swine Specialist.*
*†E. H. Hostetler, B. S., *Assoc. Prof. An. Husb.; Asst. in charge Swine Invest.*
‡A. C. Kimrey, A. B., *Dairy Farming Specialist.*
*L. F. Koonce, B. S., D. V. M., *Prof. Vet. Sci.*
*L. H. McKay, B. S., *Asst. Prof. An. Husb.*
‡W. W. Shay, *Swine Husb. Specialist.*
‡G. P. Williams, M. A., *Sheep Husb. Specialist.*
†V. M. Williams, M. S., *Dairy Investigator.*
†H. L. Wilson, *Swiss Cheese Invest. (Coop. U. S. D. A.).*

Botany: *B. W. Wells, Ph. D., *Chair. of Group.*
*†F. A. Wolf, Ph. D., *Prof. Plant Path.; Plant Path.*
‡G. W. Fant, M. S., *Ext. Plant Path.*
*†S. G. Lehman, Ph. D., *Assoc. Prof. Plant Path.; Asst. Bact.*
*A. C. Martin, M. S., *Asst. Prof. Bot.*
*L. J. Pessin, Ph. D., *Asst. Prof. Bot.*
*I. V. D. Shunk, A. M., *Asst. Prof. Bot.*

Chemistry: *L. F. Williams, Ph. D., *Chair. of Group. Prof. Org. Chem.*
†W. G. Haywood, B. Litt., *Fert. Chem.*
†J. O. Halverson, Ph. D., *Nutr. Invest.*
†Z. B. Bradford, B. S., *Asst. Chem.*
†E. S. Dewar, B. S., *Asst. Chem.*
†E. T. Hord, *Asst. Fert. Chem.*
†D. M. Jeffries, B. S., *Asst. Chem.*
*W. E. Jordan, M. A., *Asst. Prof. Chem.*
*C. F. Miller, B. S., *Instr. Chem.*
†L. M. Nixon, B. S., *Asst. Chem. in Nutr. Invest.*
*E. E. Randolph, Ph. D., *Prof. Chem. Engin.*
*F. E. Rice, Ph. D., *Prof. Agr. Chem.*
†F. W. Sherwood, Ph. D., *Asst. Chem. in Nutr. Invest.*
*G. R. Stout, B. S., *Instr. Chem.*
*M. F. Trice, B. S., *Instr. Chem.*
†C. L. Williams, B. S., *Asst. Chem.*

Economics (Rural): *B. F. Brown, B. S., *Dean School of Sci. and Business.*
*C C. Taylor, Ph. D., *Dean of Grad. School. Prof. Rural Organ.*
*A. V. Anderson, *Rural Credits.*
*W. A. Anderson, M. S., *Assoc. Prof. Rural Sociol.*
*G. W. Forster, Ph. D., *Prof. Agr. Econ.*
*R. C. Journey, A. M., *Prof. Econ. and Finance.*
*R. J. Saville, B. S., *Asst. Prof. Farm Mgt.*

Education (Agr.): *L. E. Cook, M. S., *Prof. Voc. Ed.*
*L. O. Armstrong, B. S., *Asst. Prof. Voc. Ed.*
*E. W. Bonhart, M. A., *Prof. Voc. Ed.*
*W. L. Mayer, B. S., *Assoc. Prof. Voc. Ed.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1] Director Schaub *in charge.*
‡J. M. Gray, B. S., *Asst. Dir.*
‡C. R. Hudson, M. S., *State Agt. in charge Negro Work.*
‡S. J. Kirby, B. S., *Asst. State Club Agt.*
‡Mrs. Jane S. McKimmon, *State Home Dem. Agt.*
‡Maude E. Wallace, *Asst. State Home Dem. Agt.*

Horticulture: *†C. D. Matthews, B. S., *Prof. and Chief Hort. (State Hort.).*
‡H. M. Curran, B. S., *For. Specialist.*
‡H. R. Niswonger, M. A., *Hort. Specialist.*
*J. P. Pillsbury, B. S., *Prof. Hort.*
†W. A. Radspinner, M. S., *Research Pomol.*
‡G. O. Randall, M. S., *Hort. Specialist.*
†Robert Schmidt, B. S., *Asst. State Hort.*
*J. W. Trotter, B. S., *Instr. Hort.*
*†C. F. Williams, M. S., *Asst. Prof. and Asst. Hort.*
*H. J. Young, *Instr. Hort.*

Poultry Husbandry: *†B. F. Kaupp, M. S., D. V. S., *Prof. Poultry Sci.: Poultry Invest. and Path.*
*W. F. Armstrong, M. S., *Asst. Prof. Poultry Husb.*
*†R. S. Dearstyne, M. S., *Assoc. Prof. and Assoc. in Poultry Invest. and Path.*
*J. P. Kerr, *Instr. Poultry Sci.*
‡A. G. Oliver, C. E., *Poultry Specialist.*
*R. F. Routh, B. S., *Instr. Poultry Sci.*
‡E. G. Wardin, *Poultry Specialist.*

Physics: *J. B. Derieux, Ph. D., *Prof. Phys.*
*A. A. Dixon, A. M., *Assoc. Prof. Phys.*
*C. M. Heck, A. M., *Prof. Phys.*
*J. S. Meares, B. S., *Instr. Phys.*
*S. E. Rodgers, jr., M. A., *Instr. Phys.*

Zoology and Entomology: *†Z. P. Metcalf, B. A., *Prof. Zool. and Ent.; Ent.*
†Franklin Sherman, M. S., *Chief Research Ent.*
†C. S. Brimley, *Asst. Ent.*
†J. C. Crawford, M. S., *Asst. Ent.*
*J. E. Eckert, M. S., *Assoc. Prof. Zool. and Ent.*
†J. A. Harris, B. S., *Asst. Ent.*
†R. W. Leiby, Ph. D., *Asst. Ent.*
‡W. B. Mabee, B. S., *Ent. Specialist.*
*F. B. Meacham, B. S., *Instr. Apiculture.*
†T. B. Mitchell, M. S., *Asst. Ent.*
‡C. L. Sams, *Beekeeping Specialist.*
*L. H. Snyder, M. S., *Asst. Prof. Zool.*

Miscellaneous:
††F. H. Jeter, B. S., *Agr. Editor.*
*J. R. Gulledge, A. B., *Libr.*
*Mrs. Charlotte M. Williamson, *Asst. Libr.*

Branch Stations: F. E. Miller, B. S., *Asst. Dir. in charge.*
Black Land Branch Sta., *P. O., Winona*—J. L. Rea, jr., *Asst. Dir.*
Coastal Plain Branch Sta., *P. O., Willard*—Charles Dearing, B. S., *Asst. Dir. (Coop. U. S. D. A.).*
Mountain Branch Sta., *P. O., Swannanoa*—S. C. Clapp, *Asst. Dir.*
Piedmont Branch Sta., *P. O., Statesville*—F. T. Meacham, M. S., *Asst. Dir.*
Tobacco Branch Sta., *P. O., Oxford*—E. G. Moss, *Asst. Dir. (Coop. U. S. D. A.).*
Upper Coastal Plain Branch Sta., *P. O. Rocky Mount*—R. E. Currin, jr., *Asst. Dir.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc

The Negro Agricultural and Technical College, *Greensboro*

*Agricultural faculty. ‡Extension staff

*J. B. Dudley, A. M., LL. D., *President*
*B. F. Bullock, B. S., *Dir. Dept. of Agr., Prof. Rural Ed.*

*L. E. Davis, B. S., *Supt. Poultry Husb.*
*O. G. Donnell, *Supt. of Greenhouse.*
*C. S. Parker, M. S., *Head Div. of Plant Indus., Prof. Hort. and Bot.*
*C. S. Ross, B. S., *Prof. An. Husb., Farm Supt.*
*S.B.Simmons,B.S., *Itinerant Teacher Training.*
*A. Smith, A. B., D. V. M., *Prof. Vet. Med.*
*D. B. Taylor, B. S., *Prof. Agr. Chem.*
*S. B. W. Taylorr, B. S., *Asst. in Agr.*
*N. H. Williams, B. S., *Prof. Hort. and Crops.*
‡J. D. Wray, M. S., *State Agt. Boys' and Girls' Clubs.*

NORTH DAKOTA

North Dakota Agricultural College and the Agricultural Experiment Station, *Agricultural College* **(freight and express address,** *Fargo*)

* College faculty. †Station staff. ‡Extension staff

*J. L. Coulter, Ph. D., LL. D., *President (Advisory, Agr. Econ.)*
*†H. L. Walster, Ph. D., *Dean School of Agr.*
*†P. F. Trowbridge, Ph. D., *Dir. of Sta. Prof. Research Methods*
*‡G. W. Randlett, B. S., *Dir. of Agr. Ext. Prof. Ext. Methods*

Agronomy: Dean Walster, *Chair. of Dept. Prof. Agron. and Soils; in charge Soil Survey.*
†Erich Cahn, *Asst. in Plant Brdg.*
*†J. E. Chapman, M. S., *Asst. Prof. Soils; Soil Survey Work.*
*O. O. Churchill, M. S., *Prof. Agron. (Farm Crops).*
†E. I. Olsen, B. S., *Asst. Agron. (Flax Invest.) and Supt. Dem. Farms.*
*†P. J. Olson, M. S., *Actg. Prof. and Asst. Agron.*
†Thomas Sanderson, *Miller.*
†T. E. Stoa, M. S., *Asst. Agron.*
†L. R. Waldron, M. A., *Agron. (Plant Brdg.).*

Animal Industry: †J. H. Shepperd, M. S., *Chair. An. Husb. Dept.*
*†J. R. Dice, A. M., *Chair. Dairy Husb. Dept.*
‡G. J. Baker, M. S., *State Agt. in Livestock.*
*†‡O. A. Barton, *Prof. Poultry Husb.; Poultryman and State Agt.*
‡A. M. Challey, B. S., *State Agt. in Dairying.*
*†F. W. Christensen, M. S., *Prof. An. Nutr.; An. Nutr.*
†D. J. Griswold, jr., A. M., *An. Husb.*
*†‡J. R. Redditt, B. S., *Asst. Prof. and Asst. Poultry Husb.*
*A. S. Severson, M. S., *Asst. Prof. An. Husb.*
*†John Taylor, M. S., *Instr. and Asst. in Dairy Mfrs.*
*†E. J. Thompson, B. S., *Prof. An. Husb.; An. Husb.*

Botany, Bacteriology, and Zoology: *†H. L. Bolley, M. S., *Dean of Biol., Prof. Bot. and Plant Path.; Bot. and Plant Path.*
†W. E. Brentzel, M. A., *Plant Path. (Coop. U. S. D. A.).*
†‡W. G. Couey, B. S., *Seed Insp., and State Agt. in Plant Path.*
*†Mayme Dworak, A. M., *Asst. Prof. Bot. and Bact.; Bact. and Plant Physiol.*
*G. J. Ikenberry, M. S., *Instr. Bot. and Bact.*
†H. D. Long, *Seed Analyst.*
‡G. C. Mayoue, B. S., *Ext. Plant Path.*
*G. E. Miller, M. A., *Prof. Biol.*
*†C. I. Nelson, A. B., *Prof. Bact.; Bact. and Soil Biol.*

Botany, Bacteriology, and Zoology—Contd.
*E. S. Reynolds, Ph. D., *Prof. Bot.*
*†O. A. Stevens, M. S., *Asst. Prof. Bot.; Deputy Seed Comr.*
†Wanda Weniger, Ph. D., *Asst. Bot. and Plant Path.*
*A. D. Whedon, Ph. D., *Prof. Zool. and Physiol.*
‡R. S. Zimmerman, *Biol. Asst. (Detailed by U. S. D. A.).*

Chemistry: *W. T. Pearce, Ph. D., *Head School of Chem.*
†T. H. Hopper, M. A., *Chair. of Agr. Chem. Dept.*
*J. E. Adams, M. S., *Instr. Chem.*
*L. L. Carrick, Ph. D., *Assoc. Prof. Gen. Chem.*
*C. A. Gottschalck, M. S., *Prof. Org. Chem.*
†C. E. Mangels, A. M., *Cereal Chem.*
†L. L. Nesbitt, B. S., *Asst. Agr. Chem.*
*R. E. Remington, A. B., *Asst. Prof. Chem.*

Economics (Agr.): *†‡C. E. Miller, M. S., *Chair. of Dept.*
*†A. H. Benton, Ph. D., *Marketing and Rural Finance.*
†‡R. E. Willard, B. S., *Farm Mgt. and Rural Econ. (State Agt.).*
†J. A. Barner, *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
*O. M. Fuller, M. S., *Instr. Agr. Econ.*
‡G. G. Gardner, *Asst. Farm Mgt. Dem.*
†M. F. Peightal, B. S., *Asst. in Agr. Econ.*
†‡T. S. Thorfinnson, M. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
†Stanley Wilner, B. S., *Agt. in Farm Mgt. (Coop. U. S. D. A.).*

Editorial and Publicity: *†‡W. C. Palmer, M. S., *Agr. Editor.*
*†‡M. W. Brown, B. S., *Instr. Journalism; Asst. Editor.*
‡S. W. Hooper, B. S., *Asst. Editor.*
*†‡R. A. Corbett, *Photog.*

Education (Agr.): *E. H. Jones, M. A., *Prof. Agr. Ed. and State Supvr.*
*R. E. McConnell, M. S., *Asst. Prof. Agr. Ed*

Engineering (Agr.): *†‡R. C. Miller, B. S., *Asst. Prof. Agr. Engin.*

Entomology: *†R. L. Webster, Ph. D., *Prof. Ent.; Ent.*

Extension (Admin.):[1] Director Randlett *in charge.*

——— ———, *County Agt. Leader.*

‡Mrs Myrtle G. Cole, B. A., *Supvr. of Projects (Women's Work).*

‡H. E. Rilling, M. S., *Supvr. of Projects (Club Work).*

‡Grace DeLong, B. S., *Asst. Supvr. of Projects.*

‡N. D. Gorman, *Asst. Supvr. of Projects.*

‡Pauline M. Reynolds, B. A., *Asst. Supvr. of Projects.*

‡E. A. Willson, B. S., *Supvr. of Projects.*

Home Economics: *Alba Bales, M. A., *Head of School.*

*Minnie A. Anderson, M. A., *Asst. Prof. Home Econ.*

‡Eulalia Church, B. S., *State Agt. in Clothing.*

*Helen C. Finlayson, A. B., *State Supvr. Home Econ.*

‡Alice Flaten, *State Agt. in Home Mgt.*

*Lucille Ingalls, M. S., *Instr. Home Econ.*

*Alma C. Leeby, B. S., *Instr. Home Econ.*

‡Mrs. Dorothy A. Loudon, B. S., *State Agt. in Nutr.*

*Elvira T. Smith, M. A., *Asst. Prof. Home Econ.*

Home Economics—Continued.

‡Edna Sommerfeldt, *State Agt. in Clothing.*

‡Hazel B. Spencer, B. A., *State Agt. in Nutr.*

Horticulture: *C. B. Waldron, B. S., *Chair. of Dept., Prof. Hort. and For. Vice Dean of Coll.*

*†A. F. Yeager, M. S., *Assoc. Prof. Hort.; Hort.*

Veterinary Science: *†A. F. Schalk, D. V. M., *Head of School, Prof. Vet. Sci.; Vet.*

*†R. S. Amadon, D. V. M., *Asst. Prof. Physiol., Pharmacol.; Asst. Vet.*

*†H. L. Foust, D. V. M., *Asst. Prof. Vet. Sci.; Asst. Vet.*

‡Don McMahon, M. D. C., *State Agt. in An. Health.*

†L. M. Roderick, D. V. M., M. S., *Asst. Vet.*

Miscellaneous:

†J. D. Brandmeyer, *Farm Supt.*

*Mrs. Ethel McVeety, *Libr.*

*Harriet A. Pearson, A. B., *Asst. Libr.*

Substations:

Dickinson—

Leroy Moomaw, B. S., *Supt. (Coop. U. S. D. A.).*

R. W. Smith, B. S., *Agron. (Coop. U. S. D. A.).*

Edgeley—O. A. Thompson, B. S., *Supt.*

Hettinger—U. J. Downey, B. S., *Supt.*

Langdon—Louis Jorgenson, B. S., *Supt.*

Williston—A. C. Kuenning, B. S., *Supt.*

OHIO

The Colleges of Agriculture and of Veterinary Medicine and the Departments of Agricultural Education and Home Economics, Ohio State University, *Columbus*

*College faculty. ‡Extension staff

*W. O. Thompson, A. M., D. D., LL. D., *President of University*

*‡Alfred Vivian, Ph. G., *Dean Coll. of Agr.*

‡H. C. Ramsower, B. S., *Dir. of Agr. Ext. Work*

*D. S. White, D. V. M., *Dean Coll. of Vet. Med.*

Animal Industry: *C. W. Gay, B. S., D. V. M., *Head Dept. of An. Husb.*

*Oscar Erf. B. S., *Head Dept. of Dairy Husb.*

*E. L. Dakan, B. S., *Head Dept. of Poultry Husb.*

*J. S. Coffey, B. S., *Prof. An. Husb.*

*C. T. Conklin, B. S., *Asst. Prof. An. Husb.*

‡R. E. Cray, B. S., *Poultry Specialist.*

*H. D. Drain, B. S., *Asst. Prof. Dairying.*

‡Paul Gerlaugh, B. S., *An. Husb. Specialist.*

‡L. A. Kauffman, B. S., *An. Husb. Specialist.*

*D. J. Kays, B. S., *Prof. An. Husb.*

*D. S. Kochheiser, B. S., *Instr. Dairying.*

‡Ivan McKellip, M. S., *Cow Testing Work (Coop. U. S. D. A.).*

*C. S. Plumb, B. S., *Prof. An. Husb.*

*R. E. Roberts, B. S., *Instr. Poultry Husb.*

‡S. M. Salisbury, B. S., *An. Husb. Specialist.*

*R. B. Stoltz, B. S., *Prof. Dairying.*

‡G. S. Vickers, B. S., *Poultry Husb. Specialist*

‡J. W. Wulchet, B. S., *An. Husb. Specialist.*

Botany: * E. N. Transeau, Ph. D., *Head of Dept., Prof. Plant Physiol.*

*R. A. Dobbins, M. S., *Instr. Bot.*

*S. S. Humphrey, M. S., *Instr. Bot.*

Botany—Continued.

*B. S. Meyer, M. A., *Instr. Bot.*

*H. C. Sampson, Ph. D., *Prof. Bot.*

*J. D. Sayre, Ph. D., *Instr. Bot.*

*J. H. Schaffner, Ph. D., *Prof. Bot.*

*W. G. Stover, Ph. D., *Prof. Bot.*

*L. H. Tiffany, Ph. D., *Instr. Bot.*

*A. E. Waller, Ph. D., *Asst. Prof. Bot.*

Chemistry (Agr.): *J. F. Lyman, Ph. D., *Head of Dept.*

*E. F. Almy, M. S., *Instr. Agr. Chem.*

*R. C. Burrell, M. A., *Instr. Agr. Chem.*

*C. P. Hinkle, M. A., *Asst. in Agr. Chem.*

*T. G. Watson, M. S., *Asst. Prof. Agr. Chem.*

Economics (Rural): *J. I. Falconer, Ph. D., *Head of Dept.*

‡C. R. Arnold, B. S., *Asst. Farm Mgt. Dem.*

‡C. W. Hammans, M. S., *Marketing Specialist.*

*C. E. Lively, M. A., *Asst. Prof. Rural Sociol.*

*C. G. McBride, M. S., *Asst. Prof. Marketing.*

*F. L. Morison, M. S., *Instr. Rural Econ.*

*T. D. Phillips, B. S., *Asst. Prof. Farm Mgt.*

‡R. F. Tuber, M. S., *Farm Mgt. Dem.*

‡E. J. Utz, B. S., *Asst. Farm Mgt. Dem.*

‡B. A. Wallace, M. A., *Marketing Specialist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Education (Agr.): *W. F. Stewart, M. S., *Head of Dept.*
*E. O. Bolender, B. S., *Instr. Agr. Ed.* (*P. O., Hilliards*).
‡H. E. Eswine, *Instr. Agr. Ed.*
*Harold Kenestrick, B. S., *Asst. Prof. Agr. Ed.*
*A. C. Kennedy, B. S., *Instr. Agr. Ed.* (*P. O., Worthington*).
*J. B. McClelland, B. S., *Instr. Agr. Ed.* (*P. O., Grove City*).
*R. G. McMurray, B. S., *Instr. Agr. Ed.* (*P. O., Canal Winchester*).
*H. W. Nisonger, B. S., *Asst. Prof. Agr. Ed.*
*F. J. Salter, M. S., *Instr. Agr. Ed.* (*P. O., Westerville*).

Engineering (Agr.): *G. W. McCuen, B. S., *Head of Dept.*
‡Virgil Overholt, B. S., *Agr. Engin. Specialist.*
*P. B. Potter, B. S., C. E., *Asst. Prof. Agr. Engin.*
*C. O. Reed, B. S., *Prof. Agr. Engin.*
*B. M. Stahl, M. S., *Instr. Agr. Engin.*
*H. P. Twitchell, B. S., *Instr. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1] Director Ramsower *in charge.*
‡G. B. Crane, B. S., *Asst. Dir. and Secy.*
‡Minnie Price, B. S., *State Home Dem. Leader.*
‡W. H. Palmer, M. S., *State Club Leader.*
‡F. L. Allen, *Supvr. of Insts. and Ext. Schools.*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡G. R. Eastwood, B. S., *Dist. Supvr.*
‡D. S. Myer, B. S., *Dist. Supvr.*
‡B. B. Spohn, B. S., *Dist. Supvr.*
‡Blanche B. Bowers, B. S., *Asst. State Home Dem. Leader.*
‡O. C. Croy, B. S., *Asst. State Club Leader.*
‡Guy Dowdy, B. S., *Asst. State Club Leader.*
‡Hulda E. Horst, B. S., *Asst. State Club Leader.*
‡Adele Koch, M. S., *Asst. State Home Dem. Leader.*
‡C. C. Lang, B. S., *Asst. State Club Leader.*

Farm Crops: *J. B. Park, D. Sc., *Head of Dept.*
*H. L. Borst, M. S., *Instr. Farm Crops.*
*‡J. S. Cutler, M. S., *Asst. in Farm Crops.*
‡W. E. Hanger, B. S., *Farm Crops Specialist.*
‡Earl Jones, M. S., *Farm Crops Specialist.*
*R. H. Livingston, *Asst. in Farm Crops.*
‡E. P. Reed, B. S., *Farm Crops Specialist.*
*C. J. Willard, M. S., *Asst. Prof. Farm Crops.*

Home Economics: *Faith R. Lanman, B. S., *Head of Dept.*
*Maude G. Adams, B. S., *Prof. Home Econ.*
*Clara Bancroft, B. S., *Instr. Voc. Home Econ.*
‡Geneva M. Bane, B. S., *Home Mgt. Specialist.*
*Ellen K. Bazore, B. S., *Instr. Home Econ.*
‡Anne Biebricker, B. S., *Clothing Specialist.*
‡Jeanette Butler, B. S., *Clothing Specialist.*
‡Edna Callahan, B. S., *Clothing Specialist.*
*Elizabeth C. Cooley, M. S., *Instr. Home Econ.*
*L. Maybelle Cornell, B. S., *Instr. Home Econ.*
*Alice M. Donnelly, B. S., *Asst. Prof. Home Econ.*
*L. June Findley, M. A., *Asst. Prof. Home Econ.*

Home Economics—Continued.
‡Alma L. Garvin, B. S., *Nutr. Specialist.*
*Henrietta Gromme, B. S., *Asst. Prof. Voc. Home Econ.*
*Hazel Huston, B. S., *Instr. Home Econ.*
*Almeda Jones, B. S., *Instr. Home Econ.*
*Hughina McKay, M. A., *Asst. Prof. Home Econ.*
‡Lelia Ogle, *Nutr. Specialist.*
*Ida Patterson, B. S., *Asst. Prof. Home Econ.*
‡Wanda Przyluska, B. S., *Home Health Specialist.*
*Susan Roof, B. S., *Instr. Home Econ.*
*Eunice Ryan, M. A., *Instr. Home Econ.*
*Marion Smith, B. S., *Instr. Home Econ.*
*Elsie Steiger, B. S., *Instr. Home Econ.*
*Grace G. Walker, B. S., *Prof. Home Econ.*

Horticulture: *Wendell Paddock, M. S., *Head of Dept.*
‡F. H. Beach, B. S., *Hort. Specialist.*
*F. G. Charles, B. S., *Instr. Hort.*
‡N. W. Glines, B. S., *Veg. Gard. Specialist.*
‡C. S. Holland, B. S., *Hort. Specialist.*
*A. C. Hottes, M. S., *Asst. Prof. Hort. and For.*
*Elusina Lazenby, B. A., *Instr. Landsc. Arch.*
*G. L. Lynch, M. L. A., *Asst. Prof. Landsc. Arch.*
*L. M. Montgomery, M. S., *Prof. Hort.*
*John Morrison, *Asst. Hort.*
*N. W. Scherer, B. S., *Asst. Prof. For.*
*W. R. Sears, B. S., M. L. A., *Prof. Landsc. Arch.*
*A. D. Taylor, M. S., *Prof. Lansdc. Arch.* (*non-resident*).

Journalism: ‡J. E. McClintock, B. S., *Editor.*
*‡J. S. Crossman, B. S., *Asst. Editor.*
‡J. R. Fleming, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. in Photog. and Illustrations.*

Soils: *F. E. Bear, Ph. D., *Head of Dept.*
‡M. V. Bailey, B. S., *Soils Specialist.*
‡E. E. Barnes, B. S., *Soils Specialist.*
*G. W. Conrey, Ph. D., *Asst. Prof. Soils.*
*G. M. McClure, M. S., *Instr. Soils and Soil Chem.*
*R. M. Salter, M. S., *Asst. Prof. Soils.*
‡J. A. Slipher, B. S., *Soils Specialist.*
*C. L. Thrash, M. S., *Instr. Soils.*

Veterinary Medicine: Dean White *in charge.*
*O. V. Brumley, V. S., *Prof. Vet. Surg., Dir. of Clinics.*
*L. W. Goss, D. V. M., *Prof. Vet. Path.*
*J. D. Grossman, D. V. M., *Prof. Vet. Anat.*
*R. A. Hendershott, D. V. M., *Instr. Vet. Path.*
*W. R. Hobbs, D. V. M., *Asst. Prof. Vet. Surg.*
*G. S. Mechling, *Field Vet.*
*R. E. Rebrassier, D. V. M., *Instr. Vet. Path.*
*J. N. Shoemaker, D. V. M., *Asst. Prof. Vet. Med.*
*J. H. Snook, D. V. M., *Prof. Vet. Surg.*

Zoology and Entomology: *R. C. Osburn, Ph. D., *Head of Dept.*
*W. M. Barrows, D. Sc., *Prof. Zool.*
*D. M. DeLong, Ph. D., *Prof. Ent.*
*L. F. Edwards, M. S., *Instr. Zool.*

[1] For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

Zoology and Entomology—Continued.
*J. S. Hine, B. S., *Assoc. Prof. Zool., Ent.*
*C. H. Kennedy, Ph. D., *Asst. Prof. Ent.*
*W. J. Kostir, M. S., *Asst. Prof. Zool.*
*F. H. Krecker, Ph. D., *Prof. Zool.*
*D. F. Miller, M. A., *Instr. Zool.*

Zoology and Entomology—Continued.
*Herbert Osborn, D. Sc., *Research Prof. Zool., Ent.*
‡T. H. Parks, B. S., *Ent. Specialist.*
*Mary Waters, A. B., *Asst. in Zool.*
*E. L. Wickliff, M. S., *Instr. Zool.*

Ohio Agricultural Experiment Station, *Wooster*

†Station staff

†C. G. Williams, *Director. Chief Agron.*

Agronomy: Director Williams *in charge.*
†C. E. Dike, B. S., *Asst. in Agron.*
†V. H. Morris, M. A., *Asst. in Agron. (Chem.).*
†J. B. Park, D. Sc., *Assoc. Agron. (P. O., Columbus).*
†C. A. Patton, *Asst. Agron. and Climat. Observer.*
†G. H. Stringfield, B. S., *Asst. Agron.*
†L. E. Thatcher, Ph. G., *Assoc. Agron.*
†F. A. Welton, M. S., *Assoc. Agron.*

Animal Industry: †Gustav Bohstedt, M. S., *Chief.*
†D. S. Bell, B. S., *Asst. (Sheep Invest.).*
†R. M. Bethke, Ph. D., *Asst. (Nutr.).*
†B. H. Edgington, M. D. C., D. V. M., *Assoc. (Path.).*
†C. H. Hunt, A. M., *Asst. (Nutr.).*
†D. C. Kennard, Ph. C., B. S., *Assoc. (Poultry Invest.).*
†W. L. Robison, M. S., *Asst. (Swine Invest.).*
†P. S. White, B. S., *Asst. (Poultry Invest.).*
†A. R. Winter, M. S., *Asst. (Nutr.).*

Botany and Plant Pathology: †H. C. Young, Ph. D., *Chief.*
†Freda Detmers, Ph. D., *Asst. Bot.*
†R. E. Fennell, B. S., *Asst. Path.*
†Grace Gilmor, M. S., *Asst. Technician.*
†R. C. Thomas, M. A., *Assoc. Path.*
†P. E. Tilford, B. S., *Asst. Path.*

Chemistry: †J. W. Ames, M. S., *Chief Chem. and Assoc. in Soil Chem.*
†Mabel K. Corbould, B. S., *Asst. (Milling and Baking Tech.).*
†C. J. Schollenberger, *Asst. Chem.*
†W. A. Simkins, B. S. in Ch. E., *Asst. Chem.*
†R. H. Simon, A. M., *Asst. Chem.*

Dairy Industry: †C. C. Hayden, M. S., *Chief.*
†C. F. Monroe, M. S., *Asst. Dairy Chem.*
†L. B. Nettleton, *Asst. in Dairying.*
†A. E. Perkins, M. S., *Asst. Dairy Chem.*

Entomology: †H. A. Gossard, M. S., *Chief.*
†C. R. Cutright, M. S., *Asst. Ent.*
†J. S. Houser, M. S., *Assoc. Ent.*
†L. L. Huber, Ph. D., *Asst. Ent.*
†A. E. Miller, M. S., *Asst. Ent. (P. O., Chillicothe).*
†C. R. Nelswander, M. S., *Asst. Ent. (P. O., Oak Harbor).*
†Herbert Osborn, D. Sc., *Assoc. Ent. (P. O., Columbus).*

Forestry: †Edmund Secrest, B. S., *Chief For. and Assoc. Dir. of Sta. (State For.).*
†O. A. Alderman, M. F., *Asst. in For.*
†J. J. Crumley, Ph. D., *Asst. For.*
†F. W. Dean, B. S., *Asst. For.*
†B. E. Leete, M. F., *Asst. For. (P. O., Portsmouth).*

Farm Management: †C. W. Montgomery, *Chief.*
†M. A. Bachtell, B. S., *Assoc. in Farm Mgt.*
†C. H. Crawford, B. S., *Asst. in Farm Mgt. (P. O., Cortland).*
†R. A. Mackey, *Asst. in Farm Mgt.*

Horticulture: †J. H. Gourley, M. S., *Chief.*
†F. H. Ballou, *Assoc. Hort. (P. O., Newark).*
†J. W. Bushnell, M. S., *Asst. Hort.*
†C. W. Ellenwood, *Asst. Hort.*
†W. J. Green, *Consult. Hort.*
†F. S. Howlett, B. S., *Asst. Hort.*
†I. P. Lewis, B. S., *Asst. in Hort.*
†Roy Magruder, B. S., *Asst. Hort.*
†W. F. Rofkar, B. S., *Asst. Hort.*

Soils: †C. E. Thorne, M. S. A., *Chief.*
†L. D. Baver, B. S., *Asst. in Soils.*
†F. E. Bear, Ph. D., *Assoc. in Soil Invest. (P. O., Columbus).*
†A. Bonazzi, B. Agr., *Asst. Soil Tech.*
†G. W. Conrey, Ph. D., *Asst. in Soil Survey (P. O., Columbus).*
†I. H. Curie, B. S., *Asst. in Soils.*
†T. C. Green, *Asst. in Soils.*

Miscellaneous:
†W. H. Alexander, *Climat. (Detailed by U. S. D. A.: P. O., Columbus).*
†W. K. Greenbank, *Editor.*
†W. H. Kramer, *Bursar.*
†Margaret Williams, A. B., *Libr.*

Substations: C. W. Montgomery, *Chief.*
Northeastern Test Farm, *Strongsville*—J. T. Wilson, *Foreman.*
Southeastern Test Farm, *Carpenter*— ——, *Mgr.*
Southwestern Test Farm, *Germantown*—H. M. Wachter, *Mgr.*
Belmont Co. Expt. Farm, *St. Clairsville*—G. M. DeGroft, B. C. S., *Mgr.*
Clermont Co. Expt. Farm, *Owensville*—W. E. Weaver, *Supt.*
Hamilton Co. Expt. Farm, *Mt. Healthy*—W. E. Weaver, *Supt.*
Madison Co. Expt. Farm, *London*—H. W. Rogers, *Supt.*
Mahoning Co. Expt. Farm, *Canfield* ——
Miami Co. Expt. Farm, *Troy*—H. W. Rogers, *Supt.*
Paulding Co. Expt. Farm, *Paulding*—H. R. Hoyt, *Supt. (P. O., Wooster).*
Trumbull Co. Expt. Farm, *Cortland*—C. H. Crawford, B. S., *Supt.*
Washington Co. Expt. Farm, *Fleming*—S. C. Hartman, M. S., *Supt.*
Washington Co. Truck Farm, *Marietta*—O. N. Riley, *Foreman.*

OKLAHOMA

Oklahoma Agricultural and Mechanical College and the Agricultural Experiment Station, *Stillwater*

*College faculty. †Station staff. ‡Extension staff

*Bradford Knapp, LL. B., D. Agr., *President*
*†C. T. Dowell, Ph. D., *Dean School of Agr., Dir. of Sta.*
‡W. A. Conner, B. S., *Dir. of Ext. Div.*

Agronomy: *†Adrian Daane, M. S., *Prof. Agron.; Agron.*
*†Glen Briggs, M. S., *Assoc. Prof. and Assoc. Agron.*
†H. H. Finnell, B. S., *Assoc. in Agron. (P. O., Goodwell).*
‡G. C. Gibbons, B. S., *Ext. Agron.*
*C. D. Haston, B. S., *Instr. Voc. Agron.*
*†H. F. Murphy, M. S., *Assoc. Prof. and Assoc. Agron.*
*†H. C. Potts, B. S., *Asst. Prof. and Asst. Agron.*

Animal Industry: *†W. L. Blizzard, B. S., *Prof. An. Husb.; An. Husb.*
*†A. C. Baer, B. S., *Prof. Dairy Husb.; Dairyman.*
*†R. B. Thompson, B. S., *Prof. Poultry Husb.; Poultryman.*
*F. J. Beard, M. S., *Asst. Prof. An. Husb.*
‡J. W. Boehr, M. S., *Dairy Husb. Ext.*
*†A. D. Burke, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
*O. C. Cooper, B. S., *Asst. in Dairying and Herdsman.*
*†W. A. Craft, M. S., *Asst. Prof. and Asst. An. Husb.*
*†A. E. Darlow, M. S., *Assoc. Prof. An. Husb.; in charge of Sheep.*
‡Clyde Ingram, *Asst. Ext. Poultryman.*
‡P. H. Lowery, B. S., *Ext. An. Husb.*
*†P. C. McGilliard, B. S., *Asst. Prof. and Asst. Dairy Husb.*
*†Robert Penquite, B. S., *Asst. Prof. and Asst. Poultry Husb.*
*†C. P. Thompson, M. S., *Prof. An. Husb.; Asst. An. Husb. in charge Swine.*
*C. W. Upp, B. S., *Instr. Voc. Poultry Husb.*
†George Davis, *Supt. Poultry Farms.*

Botany: *†F. M. Rolfs, Ph. D., *Prof. Bot. and Plant Path.; Plant Path.*
*O. C. Schultz, B. S., *Assoc. Prof. Bot. and Plant Path.*
*†Robert Stratton, M. A., *Asst. Prof. and Asst. Bot.*

Chemistry: Director Dowell, *Sta. Chem.*
*O. M. Smith, Ph. D., *Prof. Chem. and Chem. Engin.*
*Robert DuBois, M. S., *Assoc. Prof. Chem.*
†W. D. Gallup, B. S., *Asst. Chem.*
*V. G. Heller, Ph. D., *Asst. Prof. Chem.*
*A. H. Koschmann, M. S., *Instr. Chem. and Geol.*
†P. L. Menaul, A. M., *Assoc. Research Chem.*
*C. L. Nickolls, M. S., *Assoc. Prof. Chem.*
*N. H. Sturgis, B. S., *Instr. Chem.*
*S. R. Wood, M. S., *Asst. Prof. Chem.*

Economics (Agr.): *J. T. Sanders, M. S., *Prof. Agr. Econ.*
*W. W. Fetrow, Ph. D., *Assoc. Prof. Agr. Econ.*
‡G. W. Vincent, *Livestock Marketing Specialist.*

Education (Agr.): *O. M. Clark, B. S., *Prof. Agr. Ed.*

Education (Agr.)—Continued.
*L. W. Littlejohn, B. S., *Asst. Prof. Agr. Ed.*
*D. M. Orr, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.): *L. E. Hazen, M. E., *Prof. Agr. Engin.*
‡W. H. McPheeters, B. S., *Farm Engin. Specialist.*

Entomology: *†C. E. Sanborn, M. A., *Prof. Ent.; Ent.*
*†G. A. Bieberdorf, B. S., *Asst. Prof. and Asst. Ent.*
*†W. J. Brown, M. S., *Instr. and Asst. Ent.*
*†G. A. Moore, B. S., *Instr. and Asst. Zool.*
‡E. E. Scholl, B. S., *Ext. Ent.*
*R. O. Whitenton, M. S., *Assoc. Prof. Zool.*

Extension (Admin.):[1] Director Conner *in charge.*
‡W. D. Bentley, *Asst. Dir.*
‡W. R. Shelton, *State Agt.*
‡Frances L. Brown, B. S., *State Home Dem. Agt.*
‡B. A. Pratt, M. S., *State Club Agt.*
‡Mrs. Daisy M. Frazier, *Asst. State Club Agt.*
‡H. A. Graham, M. S., *Asst. State Club Agt.*

Home Economics: *Nora A. Talbot, A. M., *Dean School of Home Econ.*
*Kate S. North, B. S., *Asst. Prof. and Head of Teacher Training Dept.*
*Ethel E. Davis, M. A., *Prof. and Head of Household Art Dept.*
*Florence Schertz, M. A., *Prof. and Head of Household Sci. Dept.*
*Hilda Brockman, B. S., *Instr. Nursing.*
*Grace Fernandes, M. S., *Instr. Household Art.*
*Madonna Fitzgerald, B. S., *Instr. Household Sci.*
*Lydia A. Hoffman, B. S., *Asst. Prof. Household Sci.*
‡Martha R. McPheeters, B. S., *Nutr. Specialist.*
*Minnie B. Myers, B. S., *Instr. Household Sci.*
*Mrs. Gladys Old, B. S., *Instr. Household Sci.*
*Anna M. Rhodes, A. M., *Assoc. Prof. Household Art.*
‡Helen Shelby, *Clothing Specialist.*
*Anna L. Shields, B. S., *Instr. Household Sci.*

Horticulture: *†G. W. Cochran, M. S., *Prof. Hort.; Hort.*
*†F. B. Cross, B. S., *Assoc. Prof. and Assoc. Hort.*
‡Christian Jensen, B. F., *For. and Landsc. Specialist.*
*E. D. Markwell, B. S., *Asst. Prof. Hort. and For.*
‡D. C. Mooring, M. S., *Ext. Hort.*
*†D. V. Shuhart, B. S., *Asst. Prof. and Asst. Hort.*

Veterinary Medicine: *C. H. McElroy, B. S., D. V. M., *Dean School of Vet. Med.*
*E. E. Harnden, B. S., D. V. M., *Asst. Prof. Vet. Med.*
*H. W. Orr, D. V. M., *Assoc. Prof. Bact. and Vet. Med.*

Miscellaneous:
*E. E. Hadley, A. B., *Editor of Pubs.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Agricultural and Normal University, *Langston*

*Agricultural faculty

*I. W. Young, *President*

*Mrs. Ivy Butler, *Asst. in Home Econ.*
*A. H. Fuhr, *Asst. in Agr.*
*T. H. Jackson, B. S., *Dir. of Agr.*
*D. W. Lee, B. S., *Asst. in Agr.*
*Mrs. Evah S. Lowe, *Asst. in Home Econ.*
*B. M. Mathis, B. S., *Asst. in Agr.*
*R. N. Pyrtle, A. M., *Biol.*
*Mrs. G. S. Ricks, B. S., *Dir. of Home Econ.*
*Miss I. E. Wade, B. S., *Chem.*
*Mrs. Janett P. Wess, B. S., *Asst. Home Econ.*

OREGON

Oregon Agricultural College and the Agricultural Experiment Station, *Corvallis*

*College faculty. †Station staff. ‡Extension staff

*W. J. Kerr, D. Sc., LL. D., *President*
*A. B. Cordley, D. Sc., *Dean School of Agr.*
†J. T. Jardine, B. S., *Dir. of Sta.*
‡P. V. Maris, B. S., *Dir. of Ext. Service*

Animal Industry: *†E. L. Potter, M. S., *Prof. An. Husb.; An. Husb.*
*†P. M. Brandt, A. M., *Prof. Dairy Husb.; Dairy Husb.*
*†A. G. Lunn, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*E. E. Anderson, B. S., *Instr. Dairy Husb.*
*V. D. Chappell, M. S., *Assoc. Prof. Dairy Mfrs.*
*H. N. Colman, B. S., *Instr. Dairy Husb.*
‡H. E. Cosby, *Poultry Husb. Specialist.*
*F. E. Fox, B. S., *Asst. Prof. Poultry Husb.*
‡N. C. Jamison, B. S., *Dairy Specialist.*
*†R. C. Jones, B. S., *Assoc. Prof. and Assoc. Dairy Husb.*
†F. L. Knowlton, B. S., *Research Asst. in Poultry Husb.*
‡H. A. Lindgren, B. S., *An. Husb. Specialist.*
*†O. M. Nelson, B. S., *Prof. and Assoc. An. Husb.*
*†A. W. Oliver, B. S., *Asst. Prof. and Asst. An. Husb.*
*B. W. Rodenwold, B. S., *Asst. Prof. An. Husb.*
*H. H. von Lehe, *Asst. in Poultry Husb.*

Bacteriology: *†G. V. Copson, M. S., *Prof. Bact.; Bact.*
*J. A. Berry, M. S., *Instr. Bact.*
*†W. V. Halversen, Ph. D., *Assoc. Prof. and Assoc. Bact.*
*J. E. Simmons, M. S., *Asst. Prof. Bact.*

Botany and Plant Pathology: *†H. P. Barss, M. S., *Prof. and Chief in Bot. and Plant Path.*
*W. M. Atwood, Ph. D., *Assoc. Prof. Plant Physiol.*
*Helen M. Gilkey, Ph. D., *Asst. Prof. Bot., Curator of Herbarium.*
†Bertha C. Hite, B. A., *Seed Analyst (Detailed by U. S. D. A.).*
*W. E. Lawrence, B. S., *Assoc. Prof. Plant Path.*
†M. B. McKay, *Plant Path.*
*C. E. Owens, M. A., *Assoc. Prof. Plant Path.*
*F. P. Sipe, M. S., *Instr. Bot.*
*Margaret Stason, M. S., *Instr. Bot.*
†S. M. Zeller, Ph. D., *Plant Path.*

Chemistry: *†J. S. Jones, M. S., *Prof. Agr. Chem.; Chem.*
†D. E. Bullis, B. S., *Asst. Chem. in Research.*

Chemistry—Continued.
*R. E. Lothrop, B. S., *Instr. Chem.*
†H. G. Miller, Ph. D., *Chem.*
†R. H. Robinson, M. S., *Chem.*
*Walter Scott, Ph. D., *Assoc. Prof. Chem.*
*T. F. Shea, M. S., *Instr. Chem.*
†W. W. Yates, B. S., *Asst. Chem.*

Economics and Farm Management: *‡Hector Macpherson, Ph. D., *Prof. Econ., Dir. Bureau of Organ. and Markets.*
*†H. D. Scudder, B. S., *Prof. and Chief in Farm Mgt.*
‡R. S. Besse, M. S., *Farm Mgt. Dem.*
*N. H. Comish, M. S., *Prof. Econ. and Sociol.*
*W. H. Dreesen, Ph. D., *Assoc. Prof. Econ. and Sociol.*
*Mercy J. Gain, M. S., *Instr. Econ. and Sociol.*
‡C. J. Hurd, *Specialist in Organ. and Markets.*
*E. B. Mittelman, Ph. D., *Asst. Prof. Econ. and Sociol.*
*J. F. Page, Ph. D., *Asst. Prof. Econ. and Sociol.*
*Clair Wilkes, B. S., *Instr. Farm Mgt.*

Education (Agr.): *H. H. Gibson, A. M., *Prof. Agr. Ed.*
*J. T. Turner, B. S., *Critic Teacher in Voc. Ed.*
*H. H. White, B. S., *Critic Teacher in Agr. Ed.*

Engineering (Agr.): *W. J. Gilmore, B. S. A. E., *Prof. Farm Mech.*
*H. S. Rogers, B. S., *Prof. Irrig. Engin.*
*G. V. Skelton, C. E., *Prof. Highway Engin.*
*A. E. Jensen, *Instr. Farm Mech.*
‡G. W. Kable, M. S., *Agr. Engin. Specialist.*

Entomology: *†D. C. Mote, M. S., *Prof. Ent.; Ent.*
*†W. J. Chamberlin, M. S., *Asst. Prof. Ent.; For. Ent.*
*‡H. A. Scullen, A. B., *Assl. Prof. Ent. (Bee Culture).*

Extension (Admin.):[1] Director Maris *in charge.*
‡F. L. Ballard, B. S., *County Agt. Leader.*
‡Jessie D. McComb, M. S., *State Home Dem. Leader.*
‡H. C. Seymour, *State Leader of Indus. Clubs.*
‡L. J. Allen, M. S., *Asst. State Club Leader.*
‡Helen J. Cowgill, B. S., *Asst. State Club Leader.*

[1] For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.

Extension (Admin.)—Continued.
‡W. L. Kadderly, B. S., *in charge Information and Exhibits.*

Farm Crops: *†G. R. Hyslop, R. S., *Prof. Farm Crops; Agron.*
*†E. N. Bressman, B. S., *Assoc. Prof. Farm Crops; Assoc. Agron.*
‡E. R. Jackman, B. S., *Farm Crops Specialist.*
*†C. C. Ruth, M. S., *Asst. Prof. Farm Crops; Asst. Farm Crops Specialist.*
†H. A. Schoth, M. S., *Asst. Agron. (Coop. U. S. D. A.).*

Home Economics: *Ava B. Milam, M. A., *Dean School of Home Econ.*
*Florence Blazier, Ph. B., *Assoc. Prof. Home Econ. Ed.*
*Amelia E. Burns, B. S., *Instr. Household Sci.*
‡Lucy A. Case, M. A., *Asst. in Nutr.*
‡Esther B. Cooley, B. S., *Asst. in Clothing.*
*Helen L. Davis, B. S., *Prof. Household Art.*
*Elizabeth Flora, B. S., *Instr. Institutional Mgt.*
*Sibylla Hadwen, *Prof. Institutional Mgt.*
*Marion Hodgson, B. S., *Instr. Household Art.*
*Alma G. Johnson, B. S., *Prof. Household Admin.*
*Lura A. Keiser, B. S., *Instr. Home Econ. Ed.*
*Margaret C. Morehouse, B. S., *Instr. Household Art.*
*Lila M. O'Neale, B. S., *Asst. Prof. Household Art.*
*Sara W. Prentiss, B. S., *Instr. Household Admin.*
*Blanche W. Stevens, B. S., *Instr. Household Art.*
*Gertrude Strickland, *Instr. Household Art.*
*Lillian C. Taylor, B. S., *Instr. Household Sci.*
*Mary S. Van Kirk, *Instr. Household Art.*
*Hertta Vasanoja, B. S., *Instr. Institutional Mgt.*
*Bernice C. Wait, M. S., *Instr. Household Sci.*
*Emma S. Weld, Ph. B., *Instr. Household Admin.*
*Gladys L. Whipple, B. S., *Instr. Home Econ. Ed.*
*Jessamine C. Williams, M. A., *Prof. Household Sci.*

Horticulture: *†W. S. Brown, M. S., *Prof. and Hort. in charge.*
*J. C. Bell, M. S., *Instr. Hort. Products.*
*†A. G. B. Bouquet, B. S., *Prof. Veg. Gard.; Hort. (Veg. Gard.).*
*Oliver Ham, *Asst. in Veg. Gard.*
*†Henry Hartman, M. S., *Assoc. Prof. and Asst. Hort. (Pomol.).*
*†E. M. Harvey, Ph. D., *Prof. and Research Hort. (Physiol.).*
‡C. L. Long, M. S., *Hort. Specialist.*
*A. L. Peck, B. S., *Prof. Landsc. Gard. and Flor.*
*†C. E. Schuster, M. S., *Assoc. Prof. and Asst. Hort. (Pomol.).*

Horticulture—Continued.
*†E. H. Wiegand, B. S., *Prof. Hort. Products; Hort. (Products).*
*L. P. Wilcox, B. S., *Instr. Hort.*

Journalism: *F. L. Snow, *Prof. Journalism.*
*†C. J. McIntosh, B. S., *Agr. Press Editor.*
*††E. T. Reed, B. S., *Editor.*

Soils: *†W. L. Powers, M. S., *Prof. and Chief in Soils.*
*†W. W. Johnston, B. S., *Asst. Prof. and Asst. in Soils (Irrig.).*
‡F. E. Price, B. S., *Soils Specialist.*
*†C. V. Ruzek, B. S., *Prof. and Assoc. in Soils (Fert.).*
*†R. E. Stephenson, Ph. D., *Asst. Prof. and Asst. Soils Specialist.*
*†E. F. Torgerson, B. S., *Asst. Prof. Soils; Asst. in Soil Survey.*

Veterinary Medicine: *†B. T. Simms, D. V. M., *Prof. Vet. Med.; Vet.*
*C. R. Donham, D. V. M., *Instr. Vet. Med.*
*F. W. Miller, M. S., D. V. M., *Asst. Prof. Vet. Med.*

Zoology and Physiology: *Nathan Fasten, Ph. D., *Prof. Zool. and Physiol.*
*W. D. Courtney, B. S., *Instr. Zool. and Physiol.*
*Florence S. Hague, Ph. D., *Asst. Prof. Zool. and Physiol.*
*J. L. Osborn, A. M., *Instr. Zool. and Physiol.*
*†H. M. Wight, M. S., *Asst. Prof. Zool. and Physiol.; Asst. Zool.*

Miscellaneous:
*Lucy M. Lewis, B. L. S., *Libr.*

Substations:
Dry-Farm Branch Sta., *P. O., Moro*—
D. E. Stephens, B. S., *Supt. (Coop. U. S. D. A.).*
B. B. Bayles, B. S., *Junior Plant Breeder (Coop. U. S. D. A.).*
G. A. Mitchell, B. S., *Asst. to Supt.*
Eastern Oreg. Branch Sta., *P. O., Union*—
Robert Withycombe, B. S., *Supt.*
F. M. Edwards, B. S., *Asst. An. Husb.*
H. N. Wautenpaugh, B. S., *Asst. Farm Crops Specialist.*
Harney Valley Branch Sta., *P. O., Burns*—
Obil Shattuck, M. S. *Supt.*
Raymond Horton, *Asst. to Supt.*
Hood River Branch Sta., *P. O., Hood River*—
Le Roy Childs, B. A., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
John Jacob Astor Branch Sta., *P. O., Astoria*—
A. E. Engbretson, B. S., *Supt.*
Southern Oreg. Branch Sta., *P. O., Talent*—
F. C. Reimer, M. S., *Supt.*
R. K. Norris, B. S., *Asst. to Supt.*
Umatilla Branch Sta., *P. O., Hermiston*—
H. K. Dean, B. S., *Supt.*
Harry Humfeld, B. S., *Asst. to Supt.*

PENNSYLVANIA

The School of Agriculture and Agricultural Experiment Station and the Departments of Home Economics and Rural Education of the Pennsylvania State College,[1] *State College*

*College faculty. †Station staff. ‡Extension staff

*J. M. Thomas, D. D., LL. D., *President of College*
*†R. L. Watts, D. Agr., *Dean School of Agr., Dir. of Sta.*
‡M. S. McDowell, M. S., *Dir. Agr. Ext.*

Agronomy: *†F. D. Gardner, B. S., *Head of Dept.*
*†C. O. Cromer, B. S., *Prof. Farm Crops.*
*†C. F. Noll. Ph. D., *Prof. Expt. Agron.*
*†J. W. White, M. S., *Prof. Soil Tech.*
*†J. S. Cobb, M. S., *Asst. Prof. Agron.*
*‡J. B. R. Dickey, B. S., *Asst. Prof. Agron. Ext.*
*†F. J. Holben, B. S., *Asst. Prof. Soil Tech.*
*†C. J. Irvin, B. S., *Asst. in Expt. Agron.*
*†F. G. Merkle, M. S., *Assoc. Prof. Soil Tech.*
*‡H. B. Musser, B. S., *Asst. Prof. Agron. Ext.*
*†A. L. Patrick, M. S., *Assoc. Prof. Soil Tech.*
*‡Nickolas Schmitz, M. S., *Prof. Agron. Ext.*
*‡E. J. Walter, B. S., *Asst. Prof. Agron. Ext.*

Animal and Poultry Husbandry: *†W. H. Tomhave, M. S., *Head Dept. of An. Husb.*
*†H. C. Knandel, B. S., *Head Dept. of Poultry Husb.*
*†F. L. Bentley, M. S., *Prof. An. Husb.*
*†M. F. Grimes, M. S., *Prof. An. Husb.*
*†L. M. Black, B. S., *Asst. Prof. Poultry Husb.*
*†M. H. Brightman, B. S., *Asst. Prof. Poultry Husb.*
*‡P. T. Brown, B. S., *Asst. Prof. An. Husb. Ext.*
*‡W. B. Connell, M. S., *Assoc. Prof. An. Husb. Ext.*
*†P. L. Fatout, M. S., *Asst. Prof. An. Husb.*
*‡D. M. Gray, B. S., *Asst. Prof. Poultry Husb. Ext.*
*‡H. H. Havner, D. V. M., M. S., *Prof. An. Husb. Ext.*
*†W. L. Henning, M. S., *Instr. An. Husb.*
*†P. T. Kistler, B. S., *Instr. Poultry Husb.*
*†P. C. MacKenzie, *Asst. in An. Husb.*
*‡L. C. Madison, B. S., *Asst. Prof. An. Husb. Ext. (Swine).*
*‡H. D. Munroe, B. S., *Prof. Poultry Husb. Ext.*
*†J. F. Shigley, D. V. M., *Asst. Prof. Vet. Sci.*
*‡L. W. Steelman, M. S., *Instr. Poultry Husb. Ext.*
*‡J. C. Taylor, B. S., *Asst. Prof. Poultry Husb. Ext.*
*‡J. M. Vial, B. S., *Asst. Prof. An. Husb. Ext.*
*†P. T. Ziegler, M. S., *Asst. Prof. An. Husb.*

Botany: *†F. D. Kern, Ph. D., *Head of Dept.*
*†W. S. Beach, Ph. D., *Assoc. Prof. Plant Path. Research (P. O., Bustleton).*
*†J. B. Hill, Ph. D., *Prof. Bot.*
*†C. R. Orton, Ph. D., *Prof. Plant Path.*
*†J. P. Kelly, Sc. D., *Assoc. Prof. Bot.*
*‡R. S. Kirby, Ph. D., *Asst. Prof. Plant Path. Ext.*
*‡W. S. Kront, M. A., *Asst. Prof. Plant Path. Ext.*
*†W. A. Kuntz, M. S., *Instr. Bot.*
*‡G. F. Miles, B. S., *Asst. Prof. Plant Path. Ext.*
*‡E. L. Nixon, M. S., *Prof. Plant Path. Ext.*
*†C. M. Palmer, B. S., *Instr. Bot.*
*†H. W. Popp, M. S., *Asst. Prof. Bot.*

Botany—Continued.
*†L. O. Overholts, Ph. D., *Assoc. Prof. Bot.*
*†H. W. Thurston, jr., Ph. D., *Asst. Prof. Plant Path.*
*†R. C. Walton, M. S., *Assoc. Prof. Plant Path. Research (P. O., Biglerville).*

Chemistry (Agr. and Biol.): *†R. A. Dutcher, M. A., *Head of Dept.*
*†D. E. Haley, Ph. D., *Prof. Agr. Chem.*
*†A. K. Anderson, Ph. D., *Assoc. Prof. Agr. Chem.*
*†E. S. Erb, M. S., *Asst. Prof. Expt. Agr. Chem.*
*†M. W. Lisse, M. S., *Asst. Prof. Agr. Chem.*
*†H. B. Pierce, M. S., *Asst. Prof. Agr. Chem.*
*†E. S. Reider, Phar. G., *Instr. Agr. Chem.*
*† G. A. Shuey, B. S., *Instr. Agr. Chem.*
*†Walter Thomas, B. S., *Asst. Prof. Expt. Agr. Chem.*

Dairy Husbandry and Bacteriology: *†A. A. Borland, M. S., *Head of Dept.*
*†A. L. Beam, M. S., *Prof. Dairy Prod.*
*†S. I. Bechdel, M. S., *Prof. Dairy Prod.*
*‡S. J. Brownell, B. S., M. Agr., *Asst. Prof. Dairy Husb. Ext.*
*†C. D. Dahle, M. S., *Assoc. Prof. Dairy Mfrs.*
*‡E. B. Fitts, B. S., *Prof. Dairy Husb. Ext.*
*‡C. R. Gearhart, B. S., *Asst. Prof. Dairy Husb. Ext.*
*†F. P. Knoll, *Asst. in Dairy Mfrs.*
*†M. H. Knutsen, M. S., *Assoc. Prof. Bact.*
*†W. H. Martin, M. S., *Assoc. Prof. Dairy Mfrs.*
*‡L. W. Morley, M. S., *Assoc. Prof. Dairy Husb. Ext.*
*‡R. H. Olmstead, M. S., *Asst. Prof. Dairy Husb. Ext.*
*‡I. O. Sidelmann, *Asst. in Dairy Husb. Ext.*
*†A. C. Simpson, B. S., *Asst. Prof. Bact.*
*†W. D. Swope, M. S., *Assoc. Prof. Dairy Husb.*
*†R. P. Tittsler, M. S., *Instr. Bact.*
*†P. S. Williams, M. S., *Asst. Prof. Dairy Husb.*

Economics (Agr.): *†R. G. Bressler, M. S., *Head of Dept. Vice Dean and Dir. of Instruction.*
*†W. V. Dennis, A. B., *Assoc. Prof. Rural Sociol.*
*‡W. R. Gordon, B. S., *Asst. Prof. Rural Sociol. Ext.*
*†J. L. E. McCord, M. S., *Assoc. Prof. Farm Mgt. and Agr. Econ.*
*‡E. L. Moffitt, M. S., *Prof. Farm Mgt. Ext.*
*‡H. G. Niesley, M. S., *Prof. Agr. Econ. Ext.*
*‡H. S. Sloat, B. S., *Asst. in Farm Mgt. Ext.*

Education (Rural): *H. G. Parkinson, M. S., *Prof. Agr. Ed.*
*W. A. Broyles, Ph. D., *Prof. Agr. Ed.*
*C. Everett Myers, Ph. D., *Prof. Agr. Ed.*
*F. B. Bennett, B. S., *Instr. Agr. Ed. (P. O., Spring Mills).*
*W. F. Hall, M. S., *Asst. Prof. Agr. Ed.*

Entomology—*See* **Zoology.**

[1] This institution gives the academic title to all employees.

Extension (Admin.):[1] Director McDowell *in charge, and County Agt. Leader.*
*‡T. I. Mairs, M. S., *Head Dept. of Corresp. Courses.*
*‡M. J. Armes, B. S., *Asst. in Farm Mgt. Ext.*
*‡A. L. Baker, B. S., *Assoc. Prof. Agr. Ext. and State Club Leader.*
*‡A. S. Barnhart, B. S., *Instr. Agr. Ext.*
*‡R. H. Bell, B. S., *Prof. Agr. Ext.*
*‡C. E. Fox, *Asst. Coop. and Rural Organ. Ext.*
*‡E. H. Rohrbeck, B. S., *Asst. in Agr. Ext. (Editor).*
*‡W. R. White, M. S., *Assoc. Prof. Corresp. Courses.*
*‡Brandon Wright, B. S., *Asst. Prof. Agr. Ext.*

Farm Machinery: *†R. U. Blasingame, B. S., *Head of Dept.*
*†G. M. Foulkrod, B. S., *Asst. Prof. Farm Mach.*
*‡J. R. Haswell, C. E., *Asst. Prof. Farm Mech. Ext.*
*†E. G. Lantz, B. S., *Instr. Farm Mach.*

Farms: *†C. L. Goodling, M. S., *Supt. of Farms and Assoc. Prof. Farm Mgt.*

Forestry: *†J. A. Ferguson, M. A., M. F., *Head of Dept.*
*‡C. R. Anderson, M. F., *Assoc. Prof. For. Ext.*
*†W. G. Edwards, M. S., *Prof. Lumbering.*
*†W. B. MacMillan, B. S., M. F., *Asst. For.*
*‡F. T. Murphey, B. S., *Asst. Prof. For. Ext.*
*†H. S. Newins, M. F., *Prof. Wood Utilization.*
*†G. F. Rupp, B. S., *Instr. For.*

Home Economics: *Edith P. Chace, M. A., *Dir. of Dept.*
*Jean D. Amberson, M. A., *Asst. Prof. Teacher Training in Voc. Home Econ.*
*‡Madge T. Bogart, B. S., *Prof. Home Econ. Ext.*
*Anne E. Boyd, B. S., *Instr. Dom. Art.*
*‡Margaret Brown, B. S., *Asst. Prof. Home Econ. Ext.*
*Ella J. Day, B. S., *Asst. Prof. Dom. Sci.*
*Margaret L. Dozier, B. S., *Asst. in Dom. Sci.*
*Ruth E. Graham, M. S., *Asst. Prof. Dom. Art.*
*‡Belle Hubbard, B. S., *Instr. Home Econ. Ext.*
*Louise B. Moss, M. A., *Assoc. Prof. Dom. Sci.*
*Mrs. May C. Nye, M. A., *Asst. Prof. Dom. Sci.*

Home Economics—Continued
*Elizabeth Y. Richmond, R. N., *Instr. Home Nursing.*
*Evelyn E. Smith, B. S., *Instr. Dom. Sci.*
*Louise G. Turner, M. A., *Assoc. Prof. Teacher Training in Voc. Home Econ.*
*M. Elizabeth Westgate, M. A., *Instr. Dom. Art.*
*Elizabeth W. Wheeler, B. S., *Instr. Dom. Sci.*
*Sarah M. Wilson, M. A., *Assoc. Prof. Dom. Sci. and Teacher Training in Voc. Home Econ.*

Horticulture: *†S. W. Fletcher, Ph. D., *Head of Dept.*
*†R. D. Anthony, Ph. D., *Prof. Pomol.*
*†A. W. Cowell, B. S., *Prof. Landsc. Arch.*
*†F. N. Fagan, M. S., *Prof. Pomol.*
*†C. Emory Myers, Ph. D., *Prof. Plant Brdg.*
*†W. T. Tapley, M. S., *Prof. Veg. Gard.*
*†E. I. Wilde, M. S., *Prof. Flor.*
*‡J. R. Bracken, B. S., *Asst. Prof. Landsc. Gard. Ext.*
*†H. E. Dahl, M. S., *Asst. Prof. Landsc. Arch.*
*†R. W. Evans, B. S., *Instr. Hort.*
*†F. W. Haller, *Asst. in Hort.*
*†W. B. Mack, M. S., *Asst. Prof. Veg. Gard.*
*‡C. R. Mason, M. S., *Asst. Prof. Veg. Gard. Ext.*
*‡W. B. Nissley, B. S., *Prof. Veg. Gard. Ext.*
*‡R. S. Snyder, B. S., *Asst. in Pomol. Ext.*
*‡Paul Thayer, M. S., *Prof. Pomol. Ext.*
*†J. H. Waring, M. S., *Asst. Prof. Expt. Pomol.*

Zoology and Entomology: *†E. H. Dusham, Ph. D., *Head of Dept.*
*†R. D. Casselberry, M. S., *Asst. Prof. Zool.*
*†P. A. Frost, M. S., *Asst. Prof. Zool.*
*†S. W. Frost, M. S., *Assoc. Prof. Econ. Ent. (P. O., Arendtsville).*
*†V. R. Haber, Ph. D., *Asst. Prof. Zool.*
*‡H. E. Hodgkiss, B. S., *Prof. Ent. Ext.*
*†J. L. Horsfall, Ph. D., *Assoc. Prof. Econ. Ent. (P. O., Bustleton).*
*‡G. F. MacLeod, B. S., *Asst. Prof. Ent. Ext.*
*†G. B. Newman, M. S., *Assoc. Prof. Zool.*
*‡N. E. Phillips, B. S., *Asst. Prof. Ent. Ext.*
*‡H. N. Worthley, M. S., *Asst. Prof. Ent. Ext.*

Miscellaneous:
*†G. A. Grant, *Instr. Photog.*
*†Kathryne M. Stanford, *Agr. Libr.*

Institute of Animal Nutrition of Pennsylvania State College, *State College*

†Institute staff

†E. B. Forbes, Ph. D., *Director*

†W. W. Braman, M. S., *Assoc. in An. Nutr.*
†D. C. Cochrane, M. S., *Assoc. in An. Nutr.*
†R. B. French, M. S., *Asst. in An. Nutr.*
†J. A. Fries, M. S., *Asst. Dir.*
†C. D. Jeffries, M. S., *Assoc. in An. Nutr.*
†M. Kriss, M. S., *Assoc. in An. Nutr.*
†R. W. Swift, B. S., *Asst. in An. Nutr.*

PORTO RICO

College of Agriculture and Mechanic Arts of the University of Porto Rico, *Mayaguez*

*College faculty

*T. E. Benner, Ph. D., *Chancellor of University (P. O., San Juan)*
*C. E. Horne, Ph. D., *Dean of College (P. O., Mayaguez)*

*A. A. Alvarez, V. M. D., *Prof. Vet. Sci.*
*B. A. Bourne, M. S., *Prof. Veg. Path.*
*H. T. Cowles, B. S., *Prof. Hort., Chair of Agr. Dept.*
*R. E. Danforth, M. S., *Prof. Biol.*
*M. R. Diaz, B. S., *Asst. Sugar Chem.*
*T. E. Dunlap, M. S., *Prof. Chem.*
*W. D. Durland, M. F., *Prof. For.*
*J. W. Elliott, M. S., *Prof. Agron.*
*A. A. Fix, B. S., *Prof. An. Husb.*
*L. C. Monzón, B. S., *Asst. Prof. Chem.*
*M. A. del Valle, B. S. in Ch. E., *Prof. Sugar Chem.*
*R. G. Wagner, M. A., *Prof. Agr. Econ.*

[1]For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Agricultural Experiment Station, *Mayaguez*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†D. W. May, M. Agr., *Director*

†R. L. Davis, A. M., *Plant Breeder.*
†Gerard Dikmans, D. V. M., *Parasitol.*
†H. C. Henricksen, B. Agr., *Agr.*
†T. B. McClelland, A. B., *Hort.*
†C. M. Tucker, B. S., *Plant Path.*
†J. O. Carrero, B. S. Ch. E., *Asst. Chem*
†J. A. Saldana, B. S., *Asst. in Plant Brdg.*
†A. Arroyo, *Ent. Preparator.*

Insular Experiment Station, *Rio Piedras*

Under the control of the Department of Agriculture and Labor of Porto Rico

†Station staff

†R. Menéndez Ramos, M. S., *Director*

†M. T. Cook, Ph. D., *Chief Div. Plant Path. and Bot.*
†H. L. Dozier, Ph. D., *Chief Div. Ent.*
†Montgomery Ellison, B. S., *Chief Div. An. Husb.*
†F. A. Lopez, B. S., *Chief Div. Chem.*
†Pedro Richardson, B. S., *Chief Div. Agron.*
†R. F. García, B. S., *Assoc. Chem.*
†J. P. Griffith, M. S., *Plant Breeder.*
†Pedro Osuna, B. S., *Hort.*
†F. M. Pennock, B. S., *Flor.*
†J. H. Ramírez, B. S., *Asst. Chem.*
†Alfonso Rivera, D. V. S., *Vet.*
†A. H. Rosenfeld, M. S., *Special Cane Tech.*
†Francisco Sein, jr., B. S., *Asst. Ent.*
†L. A. Serrano, B. S., *Asst. Agron.*
†R. A. Toro, B. S., *Asst. Path.*

RHODE ISLAND

Rhode Island State College and the Agricultural Experiment Station, *Kingston*

*College faculty. †Station staff. ‡Extension staff

*Howard Edwards, M. A., LL. D., *President*
*†B. L. Hartwell, Ph. D., *Dir. of Sta.*
‡A. E. Stene, M. S., *Dir. Ext. Service (State Ent.)*
*G. E. Adams, M. Agr., *Dean of Agr.*

Agronomy: Dean Adams, *Prof. Agron.* / Director Hartwell, *Sta. Agron.*
*G. H. Baldwin, B. S., *Prof. Teacher Training in Agr.*
†F. K. Crandall, B. S., *Asst. in Field Expts.*
†S. C. Damon, B. S., *Asst. in Field Expts.*
*L. A. Keegan, B. S., *Instr. Agron.*

Animal Industry: *J. E. Ladd, M. S., *Prof. An. Husb.*
*C. E. Brett, B. S., *Instr. Poultry Husb.*
*Howland Burdick, B. S., *Asst. Prof. Dairying and Farm Mach., Mgr. of Farm.*
*†H. G. May, Ph. D., *Prof. Bact.; An. Brdg. and Path.*
†W. H. Scott, B. S., *Asst. in An. Brdg. and Path.*
*†H. E. Segelin, B. S., *Instr. Bact.; Asst. An. Brdg. and Path.*

Botany: *H. W. Browning, Ph. D., *Prof. Bot.*
†F. T. McLean, Ph. D., *Plant Physiol.*
*Marian E. Deats, A. M., *Instr. Bot.*

Chemistry: Director Hartwell, *Prof. Agr. Chem.*
†W. L. Adams, B. S., *Asst. Chem.*
*C. L. Brown, A. M., *Instr. Chem.*
*J. W. Ince, M. A., *Prof. Chem.*
*H. L. Jackson, M. S., *Prof. Indus. Chem.*

Chemistry—Continued
*F. W. Keaney, A. B., *Instr. Chem.*
†J. B. Smith, B. S., *Assoc. Chem.*

Extension (Admin.): [1] Director Stene *in charge, and County Agt. Leader.*
‡Mrs. Hope B. Minor, B. S., *State Home Dem. Leader.*
‡L. F. Kinney, jr., M. S., *State Club Leader.*

Home Economics: *Alice L. Edwards, A. M., *Prof. Home Econ.*
*Winifred Hazen, B. S., *Instr. Institutional Mgt.*
*Mrs. Lillian L. Peppard, M. S., *Prof. Dom. Art.*
*Clara M. Taylor, B. S., *Instr. Home Econ.*
*Grace C. Whaley, B. S., *Prof. Teacher Training in Home Econ.*

Horticulture: *H. V. Marsh, B. S., *Instr. Hort.*
*C. E. Wildon, B. S., *Instr. Hort.*

Physics: *C. L. Coggins, B. S., *Asst. Prof. Phys.*

Zoology: *John Barlow, M. A., *Prof. Zool.*
*Frederick Bauer, M. S., *Instr. Zool.*

Miscellaneous:
†H. Alida Birch, *Libr.*
†Nathaniel Helme, *Met.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

SOUTH CAROLINA

Clemson Agricultural College and the Agricultural Experiment Station, *Clemson College* **(freight and express offices,** *Calhoun*)

*College faculty. †Station staff. ‡Extension staff

*E. W. Sikes, Ph. D., *President*
*†H. W. Barre, M. A., *Dir. of Sta.*
‡W. W. Long, M. S., LL. D., *Dir. of Ext. Service*
*F. H. H. Calhoun, Ph. D., *Dir. of Resident Teaching*

Agronomy: *†‡C. P. Blackwell, M. S., *Prof. Agron.; Agron.*
†T. S. Buie, B. S., *Assoc. Agron.*
‡J. L. Carbery, *Agron.* (*P. O., Spartanburg*).
*G. H. Collings, M. S., *Asst. Prof. Agron.*
‡R. W. Hamilton, B. S., *Legumes Specialist* (*P. O., Aiken*).
‡S. L. Jeffords, M. S., *Forage Crops Specialist* (*P. O., Spartanburg*).
*J. T. McAlister, B. S., *Asst. Prof. Agron. and Farm Mach.*
*F. H. Robinson, M. S., *Asst. Prof. Agron. and Soils.*
†W. B. Rogers, B. S., *Asst. Agron.*
†J. D. Warner, M. S., *Asst. Agron.*

Animal Industry: *†‡L. V. Starkey, M. S., *Prof. An. Husb.; An. Husb.*
*†‡J. P. La Master, B.S., *Prof. Dairying; Dairyman.*
‡C. G. Cushman, B. S., *Agt. in Dairying* (*P. O., Spartanburg*).
‡A. L. DuRant, M. S., *Livestock Specialist* (*P. O., Florence*).
‡E. G. Godbey, B. S., *Livestock Specialist* (*P. O., Spartanburg*).
*B. E. Goodale, B. S., *Assoc. Prof. Dairying.*
‡D. H. Hall, jr., M. S., *Poultry Specialist.*
‡W. J. Keegan, B. S., *Dairy Husb.* (*P. O., Florence*).
*C. L. Morgan, B. S., *Assoc. Prof. An. Husb.*
†J. E. Ross, B. S., *Asst. Dairyman.*

Botany and Bacteriology: Director Barre *in charge* (*State Path.*).
*†W. B. Aull, B. S., *Assoc. Prof. and Assoc. Bact.*
*Mrs. W. B. Aull, B. A., *Instr. Bot.*
†C. A. Ludwig, Ph. D., *Assoc. Bot. and Plant Path.*
‡W. D. Moore, Ph. D., *Ext. Plant Path.*
*D. B. Rosenkrans, M. A., *Assoc. Prof. Bot.*
‡H. H. Tryon, A. B., M. F., *For. Specialist* (*P. O., Aiken*).

Chemistry: *†R. N. Brackett, Ph. D., *Dir. Chem. Dept.; Chem.* (*State Chem.*).
*Benjamin Freeman, B. S., *Asst. in Chem.*
*W. L. Lippincott, B. Ch., *Prof. Chem.*
†J. H. Mitchell, M. S., *Research Chem.*

Economics (Agr.): *‡W. H. Mills, A. B., D. D., *Prof. Rural Sociol. and Field Agt. in Agr. Finance.*
†W. C. Jensen, M. S., *Asst. in Farm Econ.*
‡Janie Ketchin, *Marketing Specialist* (*P. O., Rock Hill*).
‡L. H. Lewis, B. S., *Agt. in Marketing* (*P. O., Florence*).
‡C. A. Owens, B. S., *Specialist in Packing and Grading* (*P. O., Aiken*).
‡D. D. Whitcomb, *Agt. in Marketing* (*P. O., Aiken*).

Education (Agr.): *W. G. Crandall, B. S., *Prof. Agr. Ed.*
*T. L. Ayers, B. S., *Asst. Prof. Agr. Ed.*
*Verd Peterson, A. B., *Consult. Prof. Agr. Ed* (*P. O., Columbia*).
*D. G. Sturkie, M. S., *Asst. Prof. Agr. Ed.*
*W. H. Washington, M. S., *Assoc. Prof. Agr. Ed*

Entomology—*See* **Zoology.**

Extension (Admin.): [1] Director Long *in charge and State Agt.*
‡D. W. Watkins, B. S., *Asst. Dir.*
‡Lonnie I. Landrum, B. S., *State Home Dem. Agt.* (*P. O., Rock Hill*).
‡Mrs. Harriett F. Johnson, A. B., *State Club Agt.* (*P. O., Rock Hill*).
‡B. O. Williams, B. S., *State Club Agt.*
‡Harriette B. Layton, *Asst. State Home Dem. Agt.* (*P. O., Rock Hill*).
‡I. D. Lewis, M. S., *Asst. State Club Agt.*

Horticulture: *†‡C. C. Newman, B. S., *Prof Hort.; Hort.*
*M. E. Gardner, B. S., *Assoc. Prof. Hort.*
*G. P. Hoffmann, B. S., *Assoc. Prof. Hort.*
†A. M. Musser, B. S., *Assoc. Hort.*
‡E. H. Rawl, M. S., *Asst. Hort.* (*P. O., Aiken*).
‡A. E. Schilletter, B. S., *Ext. Hort.*

Veterinary Science: *†R. O. Feeley, D. V S., *Prof. Vet. Sci.; Consult. Vet.*

Zoology and Entomology: *†‡F. H. Lathrop, Ph.D., *Prof. Zool. and Ent.; Ent.*(*State Ent.*)
†J. A. Berly, B. S., *Asst. State Ent.*
*†C. O. Eddy, M. S., *Assoc. Prof. and Assoc. Ent.*
†L. M. Fenner, M. S., *Asst. State Path.*
†C. B. Nickels, M. S., *Research Asst. Ent.*
‡E. S. Prevost, *Beekeeping Specialist.*
*W. D. Reed, B. S., *Asst. Prof. Ent.*

Miscellaneous:
†G. H. Aull, B. S., *Asst. to Dir. of Sta.*
†‡A. B. Bryan, B. S., B. Litt., *Agr. Editor.*
*†‡S. W. Evans, *Treas.*
†Burns Gillison, *Foreman of Expt. Farm.*
‡J. L. Merritt, *Asst. Editor.*
†C. S. Patrick, B. S., *Supt. of Farms.*
†‡Mrs. Helen S. Torrence, *Agr. Libr.*

Substations:
Boll Weevil Control Sta., *P. O., Florence*—
G. M. Armstrong, Ph. D., *in charge* (*Coop. U. S. D. A.*).
E. W. Dunnam, M. S., *Asst. Ent.*
F. A. Fenton, Ph. D., *Ent.*
E. E. Hall, M. S., *Agron.*
R. W. Moreland, M. S., *Asst. Ent.* (*Detailed by U. S. D. A.*).
Coast Sta., *P. O., Summerville*—
J. A. Riley, M. S., *Supt.*
Pee Dee Sta., *P. O., Florence*—
R. E. Currin, *Supt.*
E. D. Kyzer, B. S., *Research Asst.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina, *Orangeburg*

*Agricultural faculty. ‡Extension staff

*‡R. S. Wilkinson, Ph. D., *President. In Charge of Ext. Work*
*F. M. Staley, B. S., *Dir. Agr. Dept., Prof. Agr.*

*Mae A. Black, L. I., *Instr. Cooking and Dietetics.*
‡Dora E. Boston, *Supvr. Home Dem. Work.*
*W. H. Buchanan, B. S., *Prof. Hort.*
*Bernice Coleman, *Teacher-Training Home Econ.*
*Claudia V. Crawford, *Instr. Household Econ.*
*‡H. E. Daniels, B. S., *Asst. Dir. Ext. Work.*
*C. Clara Davis, A. M., *Instr. Sewing.*
*Ida P. Davis, R. N., *Instr. Rural Nursing and Sanitation.*
*Marian T. Gardiner, *Dir. Home Econ.*
*A. H. Gordon, A. B., *Instr. Agr. Ed.*
*C. D. Haynes, A. B., *Instr. Voc. Agr. and Gardening.*
*M. Johnakin, *Teacher-Training Agr.*
*T. J. Lyles, B. S., *Prof. Dairying.*
*Marion R. Mickey, L. I., *Instr. Dressmaking.*
*Anna L. Overstreet, L. I., *Instr. Dom. Econ.*
*F. B. Payton, *Instr. Vet. Sci.*
*‡S. M. Pinckney, B. S., *Prof. An. Indus.*
*L. C. Potter, B. S., *Instr. Agr. Chem. and Dairying.*
*J. I. Washington, *Instr. Farm Accounting.*
*J. C. Whittaker, *Prof. Agr. Pedag.*

SOUTH DAKOTA

South Dakota State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Brookings*

*College faculty. †Station staff. ‡Extension staff

*C. W. Pugsley, B. S., D. Agr., *President*
*C. Larsen, M. S., *Dean of Agr.*
*†J. W. Wilson, M. S., LL. D., *Dir. of Sta.*
‡W. F. Kumlien, M. S., *Dir. of Ext. Div.*
*††R. A. Larson, *Secy.*

Agronomy: *†A. N. Hume, Ph. D., *Prof. Agron.; Agron. and Supt. of Substas. Dir. State Soil Survey.*
*†J. G. Hutton, M. S., *Assoc. Prof. and Assoc. Agron. Asst. Dir. State Soil Survey.*
*†A. L. Bushey, M. S., *Asst. Prof. Agron.; Agron. Analyst.*
*†Matthew Fowlds, B. S., *Asst. Prof. Agron.; Asst. Agron., Seed Analyst.*
*Clifford Franzke, B. S., *Asst. in Agron. (Crops).*
*†E. W. Hardies, M. S., *Asst. Prof. and Asst. Agron.*
‡R. E. Johnston, B. S., *Agron. Specialist.*
*G. A. Larson, B. S., *Asst. in Agron. and Soil Survey.*
*J. A. Machlis, B. S., *Asst. in Agron. and Soil Survey.*
‡G. H. Valentine, B. S., *Asst. Agron. Specialist.*

Animal and Poultry Husbandry: Director Wilson *in charge.*
*G. L. Stevenson, B. S., *Prof. Poultry Husb.*
‡Gerald Heebink, M. S., *Asst. Livestock Specialist.*
*F. H. Helmreich, B. S., *Instr. An. Husb.*
*†A. H. Kuhlman, M. S., *Assoc. Prof. and Assoc. An. Husb.*
‡Clara M. Sutter, *Poultry Specialist.*
‡T. R. H. Wright, B. S., *Livestock Specialist.*

Botany and Plant Pathology: *A. T. Evans, Ph. D., *Prof. Bot., Plant Path.*

Chemistry: *†B. A. Dunbar, A. M., *Prof. Chem.; Chem.*
*E. R. Bennewies, M. S., *Assoc. Prof. Chem.*
*G. W. Botteron, M. S., *Asst. Prof. Chem.*
*D. C. Farley, B. S., *Instr. Chem.*
*†C. F. Wells, M. S., *Asst. Prof. and Asst. Chem.*

Dairy Husbandry: *†T. M. Olson, M. S., *Assoc. Prof. and Actg. Head of Dept.*
*†Lynn Copeland, M. S., *Asst. Prof. and Asst. Dairy Husb.*
‡H. M. Jones, B. S., *Dairy Specialist.*
*C. C. Totman, B. S., *Instr. Dairy Mfrs.*

Economics (Agr.): *‡M. R. Benedict, B. S., *Prof. Farm Econ.*
*R. E. Post, M. S., *Asst. Prof. Farm Econ.*
‡R. H. Rogers, M. S., *Farm Mgt. Dem.*
‡G. A. Starring, A. B., *Rural Organ. Specialist.*
*V. R. Wertz, M. S., *Asst. Prof. Farm Econ.*
*C. G. Worsham, M. S., *Assoc. Prof. Farm Econ.*

Education (Agr.): *C. R. Wiseman, M. S., *Asst. Prof. in charge.*
*W. P. Beard, B. S., *Instr. Agr. Ed.*

Engineering (Agr.): *R. L. Patty, B. S., *Prof. Agr. Engin.*
*J. A. Bonell, *Asst. Prof. Indus. Art.*
*C. O. Gottschalk, *Asst. Prof. Farm Mech.*

Entomology—See **Zoology.**

Extension (Admin.): [1]Director Kumlien *in charge.*
‡E. W. Hall, B. S., *County Agt. Leader.*
‡A. J. Dexter, B. S., *Asst. County Agt. Leader.*
‡C. L. Starr, *Asst. County Agt. Leader.*
*‡P. J. Scarboro, A. B., *Ext. Methods for Boys and Girls and Prin. School of Agr.*

Home Economics: *Edith Pierson, M. S., *Dean of Div.*
*Ada B. Caldwell, *Prof. Indus. Arts.*
‡Mary A. Dolve, B. S., *Foods and Nutr. Specialist.*
*Eloise Huskins, M. S., *Asst. Prof. Home Econ.*
‡Mae Keithline, *Clothing Specialist.*
*Louise L. Leaton, B. S., *Asst. Prof. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.
‡Azalea Linfield, M. A., *Clothing Specialist.*
*Laura J. McArthur, B. S., *Assoc. Prof. Home Econ.*
*Gertrude Sunderlin, B. S., *Instr. Home Econ.*
‡Susan Z. Wilder, M. S., *Foods and Nutr. Specialist.*

Horticulture: *†N. E. Hansen, Sc. D., *Prof. Hort. and For.; Hort. and Vice Dir. of Sta.*
‡A. L. Ford, M. S., *Hort. and Ent. Specialist.*
*P. L. Keene, M. S., *Asst. Prof. Hort.*

Journalism: *††C. D. Byrne, M. A., *Prof. Journalism; Agr. Editor.*

Physics: *H. B. Mathews, M. S., *Prof. Phys.*
*H. H. Hoy, M. S., *Assoc. Prof. Phys.*

Veterinary Science: *†C. C. Lipp, D. V. M., *Prof Vet. Med.; Consult. Vet. and Dir. An. Health Lab.*
*J. B. Taylor, V. M. D., *Instr. Vet. Sci.*
*J. W. Van Vliet, D. V. M., *Asst. in Vet. Sci. and Bact.*
‡G. S. Weaver, V. S., *An. Disease Specialist.*

Zoology and Entomology: *†H. C. Severin, M. A., *Prof. Zool. and Ent.; Ent. (State Ent.).*
*†George Gilbertson, M. S., *Asst. Prof. and Asst. Ent.*
*E. C. O'Roke, M. A., *Asst. Prof. Zool.*

Substations:
Cottonwood—Harold Doner, *Foreman.*
Eureka—Joseph Hoffman, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
Vivian—Frank Hussey, *Foreman.*

TENNESSEE

College of Agriculture and the Agricultural Experiment Station of the University of Tennessee, *Knoxville*

*College faculty. †Station staff. ‡Extension staff

*H. A. Morgan, B. S., LL. D., *President of University*
*C. A. Willson, M. S., M. Agr., *Dean Coll. of Agr. Prof. An. Husb.*
†C. A. Mooers, B. S., *Dir. of Sta.*
‡C. A. Keffer, M. H., *Dir. Div. of Agr. Ext.*

Agronomy: Director Mooers *in charge.*
†L. W. Blair, *Asst. in Coop. Expts. (P. O., Allardt).*
*O. W. Dynes, M. S., *Assoc. Prof. Agron.*
†J. G. Faulkner, *Asst. in Plat Work.*
*R. B. Lowry, M. S., *Assoc. Prof. Agron.*
‡J. C. McAmis, B. S., *Agron. Specialist.*
†R. E. Martin, *Asst. in Coop. Expts. (P. O., Crossville).*
†L. S. Mayer, B. S., *Asst. Agron. in charge Corn Invest. (Detailed by U. S. D. A.).*
‡R. H. Milton, B. S., *Asst. Agron. in charge Tobacco Work (P. O., Nashville).*
†H. P. Ogden, B. S., *Asst. in Coop. Expts. (P. O., Murfreesboro).*
†S. M. Spangler, *Asst. in Plat Work.*

Animal Industry: *†Moses Jacob, V. M. D., *Prof. An. Husb.; An. Husb.*
*C. E. Wylie, M. A., *Prof. Dairying.*
*H. R. Duncan, B. S., *Asst. Prof. An. Husb.*
†L. S. Edwards, B. S., *Creamery Mfg. (Detailed by U. S. D. A.: P. O., Lebanon).*
‡C. C. Flanery, M. S., *Asst. in An. Husb.*
*T. B. Harrison, B. S., *Asst. Prof. Dairy Mfrs.*
*T. G. Hinton, B. S., *Voc. Instr. Dairying.*
‡C. A. Hutton, B. S., *Dairy Husb. Specialist.*
‡J. H. McLeod, B. S., *Asst. in An. Husb.*
*B. J. McSpadden, B. S., *Voc. Instr. An. Husb.*
‡L. A. Richardson, B. S., *An. Husb. Specialist.*
‡G. N. Tobey, *Cheese Specialist.*
*T. E. Wade, B. S., *Voc. Instr. Poultry Husb.*
‡Mrs. Kate M. Wells, B. S., *Poultry Husb. Specialist.*

Bacteriology: *P. W. Allen, Ph. D., *Prof. Bact.*
*B. W. Hess, A. B., *Instr. Bact.*

Botany: *L. R. Hesler, Ph. D., *Prof. Bot.*
†S. H. Essary, M. S., *Bot.*
†C. D. Sherbakoff, Ph. D., *Plant Path.*

Chemistry: †W. H. MacIntire, Ph. D., *Soil Chem.*
†R. M. Barnette, Ph. D., *Asst. Soil Chem.*
*C. O. Hill, Ph. C., M. S., *Prof. Org. and Agr. Chem.*
*J. H. Robertson, Ph. D., *Assoc. Prof. Chem.*
†W. M. Shaw, M. S., *Assoc. Soil Chem.*
†J. B. Young, B. A., *Asst. Soil Chem.*

Economics (Agr.): *†C. E. Allred, M. S., *Prof. Agr. Econ.; Agr. Economist.*
‡A. L. Jerdan, B. S., *Marketing Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*
‡R. J. Morgan, B. S., *Organ. Specialist (P. O., Nashville).*

Education (Agr.): *N. E. Fitzgerald, B. Pd., B. S., *Prof. Agr. Ed.*
*E. D. Stivers, B. S., *Prof. Agr. Ed. in charge Itinerant Work.*
*A. L. Rubin, B. S., D. V. M., *Instr. Agr. Ed.*

Engineering (Agr.): *W. C. Krueger, B. S., *Instr. Rural Engin., in charge of Dept.*
‡H. B. Bliss, B. S., *Farm Mach. Specialist.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1] Director Keffer *in charge.*
‡C. E. Brehm, B. S., *Asst. Dir.*
‡G. L. Herrington, B. S., *State Club Agt.*
‡Margaret A. Ambrose, *Asst. Dir. Home Dem. Work.*

Geology: *C. H. Gordon, Ph. D., *Prof. Geol.*

Home Economics: *Nellie Crooks, B. S., *Dir. of Dept.*
*Esther Bracken, M. S., *Asst. Prof. Home Econ.*
*Mary Dahnke, B. S., *Instr. Home Econ.*
*Amanda Ebersole, B. S., *Asst. Prof. Home Econ.*
‡Maude L. Guthrie, M. A., *Foods and Nutr. Specialist.*
*Ruby E. Hitch, B. A., *Asst. Prof. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Home Economics—Continued.
‡Lillian L. Keller, B. S., *Clothing and Household Mgt. Specialist.*
*Katherine Slightam, B. S., *Asst. Prof. Home Econ.*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Specialist.*

Horticulture: †J. A. McClintock, M. S., *Hort., Assoc. Plant Path.*
*N. D. Peacock, M. S., *Assoc. Prof. Hort.*
†Otha Ogle, *Foreman of Fruit Farm.*

Veterinary Science: *†Prof. M. Jacob *in charge.*

Zoology and Entomology: *E. B. Powers, Ph. D., *Prof. Zool.*
*G. M. Bentley, M. A., *Assoc. Prof. Ent.* (*State Ent. and Plant Path.*).

Zoology and Entomology—Continued.
*W. E. Bullington, M. S., *Instr. Zool.*
†Simon Marcovitch, M. S., *Ent.*

Miscellaneous:
†F. H. Broome, *Secy., Photog.*
*W. A. Campbell, *Farm Supt.*
‡Florence D. McTeer, *Ext. Secy.*
‡A. J. Sims, *Ext. Editor.*

Substations:
Middle Tenn. Expt. Sta., *P. O., Columbia*—L. R. Neel, B. S., *Supt.*
Tobacco Expt. Sta., *P. O., Clarksville*—H. W. Jones, *Supt.*
West Tenn. Expt. Sta., *P. O., Jackson*—S. A. Robert, B. S., *Supt.*

Tennessee Agricultural and Industrial State Normal School, *Nashville*

*Agricultural faculty

*W. J. Hale, A. M., *President*

*Mrs. Martha M. Brown, *Actg. Dir. Home Econ.*
*D. H. Coleman, *Truck Gard. and Applied Agr.*
*I. L. Dumas, *Voc. Agr.*
*Mrs. Janie Elliott, *Applied Dom. Sci.*
*D. A. Forbes, A. B., *Sci.*
*Mrs. Sadie Gilbert, *Nurse Training.*
*Mrs. H. E. Hale, *Asst. in Teacher Training.*
*Corinne Hall, *Dressmaking and Designing.*
*C. H. Harper, M. A., *Teacher Training in Agr.*
*Mrs. W. H. Hodgkins, *Poultry Raising.*
*Mary B. Jackson, B. S., *Dom. Sci.*
*Mrs. Mabel P. Mason, *Laundering.*
*Mrs. Octavia Robinson, *Dom. Art.*
*Frances E. Thompson, *Manual Art.*
*Mrs. Mary L. Wilson, *Household Mgt.*

TEXAS

Agricultural and Mechanical College of Texas and the Agricultural Experiment Station, *College Station*

*College faculty. †Station staff. ‡Extension staff

*W. B. Bizzell, Ph. D., D. C. L., LL. D., *President*
†B. Youngblood, Ph. D., *Dir. of Sta.*
‡T. O. Walton, *Dir. Ext. Service*
*Charles Puryear, M. A., C. E., LL. D., *Dean of Coll. and Grad. School*
*E. J. Kyle, M. S., *Dean School of Agr.*

Agronomy: †E. B. Reynolds, M. S., *Chief of Div.*
†A. B. Conner, M. S., *Vice Dir. of Sta.* (*Grain Sorghum Research*).
†A. H. Leidigh, M. S., *Asst. Dir. of Sta.*(*Small Grain Research*).
*J. O. Morgan, Ph. D., *Head Prof. Agron.*
†G. N. Stroman, Ph. D., *Cotton Brdg.*
*H. V. Geib, B. S., *Asst. Prof. Agron.*
†D. T. Killough, B. S., *Supt. Main Sta. Farm.*
†C. H. Mahoney, B. S., *Asst. in Cotton Brdg.*
‡E. A. Miller, B. S., *Agron.*
*E. O. Pollock, A. M., *Asst. Prof. Agron.* (*Coop. U. S. D. A.*).
*J. H. Stallings, M. S., *Assoc. Prof. Agron.*
†R. H. Stansel, B. S., *Asst. in Crops.*
*M. B. Sturgis, B. S., *Instr. Agron.*

Animal Industry: †J. M. Jones, A. M., *Chief Div. of Range An. Husb.*
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*G. P. Grout, M. S., *Head Prof. Dairy Husb.*
†R. M. Sherwood, M. S., *Chief Div. Poultry Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
†G. R. Warren, M. S., *Chief Div. of Dairy and Swine Husb.*
‡G. W. Barnes, B. S., *Beef Cattle Specialist.*
*D. S. Buchanan, B. S., *Asst. Prof. An. Husb.*

Animal Industry—Continued.
*J. A. Clutter, jr., M. S., *Assoc. Prof. Dairy Husb.*
*A. L. Darnell, M. A., *Assoc. Prof. Dairy Husb.*
*A. H. Groth, M. S., *Instr. An. Husb.*
†J. J. Hunt, *Wool Grader.*
*D. F. Irving, B. S., *Asst. Prof. Poultry Husb.*
†J. L. Lush, Ph. D., *An. Breeder.*
*E. M. Regenbrecht, M. S., *Assoc. Prof. An. Husb.*
*W. L. Stangel, A. M., *Prof. An. Husb.*
‡J. L. Thomas, *Dairy Specialist.*
‡A. L. Ward, *Swine Husb.*

Biology: *O. M. Ball, Ph. D., *Head Prof.*
*Howard Burt, A. B., *Asst. Prof. Biol.*
*E. H. Harper, Ph. D., *Assoc. Prof. Biol.*
*V. G. Loftfield, Ph. D., *Asst. Prof. Biol.*
*A. R. McLaughlin, M. A., *Asst. Prof. Biol.*
*D. J. Pratt, A. M., *Assoc. Prof. Biol.*

Botany: †Helge Ness, M. S., *Chief of Div.*

Chemistry and Chemical Engineering: †G. S. Fraps, Ph. D., *Chief Div. of Chem.* (*State Chem.*).
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. Chem.*
*George Bauer, B. S., *Instr. Chem.*

Chemistry and Chemical Engineering—Con.
*F. F. Bishop, B. S., *Instr. Chem.*
†J. K. Blum, B. S., *Asst. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
†Velma Graham, *Asst. Chem.*
*M. T. Harrington, B. S., *Instr. Chem.*
*B. C. Jones, A. B., *Instr. Chem.*
†Kisaku Kitsuta, M. S., *Asst. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
†A. E. Proctor, B. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†Hanvey Stanford, B. S., *Asst. Chem.*
†J. E. Teague, B. S., *Asst. Chem.*
*H. C. Tidwell, M. A., *Instr. Chem.*
*C. R. Voges, B. S., *Instr. Chem.*
†W. H. Walker, *Asst. Chem.*

Economics (Agr.): †L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*F. A. Buechel, Ph. D., *Head Prof. Agr. Econ., Head Course in Agr. Admin.*
*W. E. Garnett, Ph. D., *Head Prof. Rural Sociol.*
†A. S. Brient, B. S., *Asst., Ranch Records and Accts. (Coop. U. S. D. A.).*
†V. L. Cory, M. S., *Grazing Research Bot., Farm and Ranch Econ. (P. O., Sonora).*
‡M. M. Daugherty, *Farm Mgt. Specialist.*
†T. L. Gaston, jr., *Asst., Farm Records and Accts. (Coop. U. S. D. A.).*
‡R. R. Lancaster, *Rural Organizer.*
‡W. B. Lanham, A. M., *Marketing Specialist.*
*V. P. Lee, Ph. D., *Prof. Agr. Econ.*
*T. W. Leland, M. A., *Assoc. Prof. Agr. Econ.*
*C. M. Purves, M. A., *Instr. Agr. Econ.*
*A. J. Weaver, M. A., *Instr. Agr. Econ.*
*R. C. White, M. A., *Assoc. Prof. Rural Sociol.*
*W. H. Youngman, M. S., *Assoc. Prof. Agr. Econ.*

Education (Agr.): *C. H. Winkler, Ph. D., *Dean School of Voc. Teaching and Head Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Head Prof. Rural Ed.*
*J. H. Kraft, M. S., *Prof. Agr. Ed.*
*E. C. Nash, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): *Daniels Scoates, A. E., *Head Prof.*
‡M. R. Bentley, *Agr. Engin.*
*F. R. Jones, B. S., *Asst. Prof. Agr. Engin.*
*H. P. Smith, B. S., *Assoc. Prof. Agr. Engin.*
*S. D. Snyder, B. S., *Assoc. Prof. Agr. Engin.*

Entomology: †F. L. Thomas, Ph. D., *Chief of Div. (State Ent.).*
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†A. H. Alex, B. S., *Queen Breeder, State Apicultural Research Lab., P. O., San Antonio.*
*R. K. Fletcher, M. A., *Assoc. Prof. Ent.*
†Edward Hobbs, B. S., *Asst. Ent.*
†W. R. Jordan, B. S., *Apiary Insp.*
*V. A. Little, B. A., *Asst. Prof. Ent.*
†H. B. Parks, B. S., *Apiculturist in charge State Apicultural Research Lab., P. O., San Antonio.*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, *Ent.*
†C. S. Rude, B. S., *Chief Foulbrood Insp.*

Extension (Admin.): [1] Director Walton *in charge.*
‡H. H. Williamson, *State Agt.*
‡Mildred F. Horton, *State Home Dem. Agt.*
‡S. C. Evans, *State Boys' Club Agt.*

Extension (Admin.)—Continued.
‡Bess Edwards, *Asst. State Home Dem. Agt.*
‡R. W. Persons, *Asst. State Agt., Club Work.*
‡A. K. Short, *Ext. Methods.*

Feed Control Service: †F. D. Fuller, M. S., *Chief.*
†G. M. Morris, B. S., *Insp.*
†S. D. Pearce, *Secy.*
†J. H. Rogers, *Insp.*
†J. F. Schultz, B. S., *Insp.*
†F. W. Wilson, B. S., *Insp.*
†W. H. Wood, *Insp.*

Forestry: *E. O. Siecke, B. S., *Head Prof. (State For.).*
*H. F. Munson, B. S., *Asst. Prof. For.*

Genetics: *E. P. Humbert, Ph. D., *Head Prof.*
*W. R. Horlacher, M. S., *Assoc. Prof. Genetics.*

Geology: *E. O. Randolph, M. A., D. Litt., *Head Prof.*
*F. A. Burt, B. S., *Assoc. Prof. Geol.*

Home Economics: ‡Mrs. Dora R. Barnes, *Clothing Specialist.*
‡Mrs. Maggie W. Barry, *Special Agt.*
‡Lola A. Blair, *Nutr. Specialist.*
‡Mrs. Bernice Claytor, *Home Econ. Specialist*

Horticulture: †A. T. Potts, M. S., *Chief of Div., Citriculturist.*
*E. J. Kyle, M. S., *Head Prof. Hort.*
*G. W. Adriance, M. S., *Assoc. Prof. Hort.*
*F. W. Hensel, M. S., *Prof. Hort.*
*F. M. Lyle, M. S., *Assoc. Prof. Hort.*
‡A. P. Swallow, *Hort.*

Plant Pathology and Physiology: †J. J. Taubenhaus, Ph. D., *Chief of Div.*

Publications: †A. D. Jackson, *Chief of Div.*
‡S. C. Hoyle, *Ext. Editor.*

Soil Survey: †W. T. Carter, B. S., *Chief of Div. (Coop. U. S. D. A.).*
†H. W. Hawker, *Soil Surveyor.*
†E. H. Templin, B. S., *Soil Surveyor.*

Veterinary Medicine: *†Mark Francis, D. V. M., *Dean School of Vet. Med.; Chief Div. of Vet. Sci.*
†V. J. Brauner, D. V. M., *Vet.*
†H. Schmidt, D. V. S., *Vet.*

Miscellaneous:
†C. A. Felker, *Chief Clerk.*
†C. B. Neblette, *Tech. Asst. (Photog.).*
†J. M. Schaedel, *Executive Asst.*
†A. S. Ware, *Secy.*

Substations:
Angleton (No. 3)—V. E. Hafner, B. S., *Supt.*
Balmorhea (No. 9)—J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—R. H. Wyche, B. S., *Supt.*
Beeville (No. 1)—R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—D. L. Jones, *Supt. (Coop. U. S. D. A.).*
College Station (No. 10)—L. J. McCall, *Supt.*
Denton (No. 6)—P. B. Dunkle, B. S., *Supt.*
Iowa Park (No. 16)—E. J. Wilson, B. S., *Supt.*
Lubbock (No. 8)—R. E. Karper, B. S., *Supt.*
Nacogdoches (No. 11)—G. T. McNess, *Supt.*
Sonora (No. 14)—
E. M. Peters, B. S., *Supt.*
D. H. Bennett, V. M. D., *Vet.*
O. L. Carpenter, B. S., *Shepherd.*
Spur (No. 7)—R. E. Dickson, B. S., *Supt.*
Temple (No. 5)—A. B. Cron, B. S., *Supt.*
Troup (No. 2)—W. S. Hotchkiss, *Supt.*
Weslaco (No. 15)—W. H. Friend, B. S., *Supt.*

[1] For subject matter workers see the respective divisions, i. e., agronomy, animal industry, etc.

Prairie View State Normal and Industrial College, *Prairie View*

*Agricultural faculty. ‡Extension work

*J. G. Osborne, B. S., M. D., *Principal*
*R. B. Atwood, B. S., *Dir. of Agr.*

*J. M. Alexander, *Instr. Voc. Agr.*
*Mae B. Arrington, *Assoc. Prof. Dom. Sci.*
*C. C. Carrington, *Instr. Voc. Agr.*
*Carolyn C. Davis, *Assoc. Prof. Dom. Art.*
*H. G. Dickerson, B. S., *Prof. Voc. Agr.*
*Mrs. Nellie B. Dillon, *Assoc. Prof. Voc. Home Econ.*
*E. B. Evans, D. V. M., *Prof. Vet. Sci.*
*Henrietta Farrell, *Laundry Asst.*
‡Mrs. M. E. V. Hunter, *Home Econ. Ext.*
*Mrs. Amanda E. Johnson, *Instr. Dom. Art. (Millinery).*
*I. S. Lane, B. S., *Prof. An. Husb.*
*Ada Loudd, *Laundry Asst.*
*Elsena F. Martin, *Instr. Dom. Art.*
*Elizabeth C. May, B. S., *Dir. Home Econ.*
*Goldie E. Mitchell, *Instr. Dom. Sci.*
‡C. H. Waller, B. S., *State Leader in Ext. Work.*
*Gertrude Williams, *Libr.*
*Weldon Williams, *Instr. and Laundry Foreman.*

UTAH

Agricultural College of Utah and the Agricultural Experiment Station, *Logan*

*College faculty. †Station staff. ‡Extension staff

*E. G. Peterson, Ph. D., *President*
*††William Peterson, B. S., *Dir. of Expt. Sta. and Ext. Div.*
*†G. R. Hill, jr., Ph. D., *Dean School of Agr.*

Agronomy: *†George Stewart, M. S., *Prof. Agron.; Agron.*
†D. S. Jennings, Ph. D., *in charge Soil Survey Work.*
‡J. C. Hogenson, M. S., *Ext. Agron.*
*†D. W. Pittman, M. S., *Assoc. Prof. and Assoc. Agron.*
†M. D. Thomas, M. A., *Assoc. Agron.*
*†D. C. Tingey, M. A., *Instr. and Asst. Agron.*

Animal Industry: *†——— ——— *Prof. An. Husb.; An. Husb.*
*†G. B. Caine, A. M., *Prof. Dairy Husb.; Dairy Husb.*
*††‡Byron Alder, B. S., *Asst. Prof. Poultry Husb.; Poultryman.*
*†R. J. Beeraft, M. S., *Asst. Prof. in charge Range Mgt.*
†G. Q. Bateman, B. S., *in charge Dairy Farm.*
‡B. R. Eldredge, B. S., *Dairy Specialist (P. O., Salt Lake City).*
*‡W. H. Warner, *Asst. in Poultry Husb.*
*†Gustav Wilster, M. S., *Prof. and Assoc. Dairy Mfg.*

Bacteriology and Physiological Chemistry:
*†J. E. Greaves, Ph. D., *Prof. Bact., Physiol. Chem.; Bact., Chem.*
*†E. G. Carter, M. S., *Asst. Prof. Bact., Physiol.; Assoc. Bact.*
*†D. H. Nelson, M. A., *Instr. and Asst. Bact.*

Botany and Plant Pathology: Dean Hill *in charge.*
*††‡B. L. Richards, Ph. D., *Prof. and Assoc. Bot. and Plant Path.*
*†L. F. Nuffer, M. A., *Instr. and Asst. Bot.*

Chemistry: *†R. L. Hill, Ph. D., *Prof. Chem.; Head Dept. of Human Nutr.*
*†C. T. Hirst, M. S., *Asst. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Assoc. Prof. Chem.*

Economics (Agr.): *†E. B. Brossard, Ph. D., *Prof. Agr. Econ. and Farm Mgt.; Farm Mgt.*

Economics (Agr.)—Continued.
*V. T. Ellsworth, M. A., *Instr. Agr. Econ. and Farm Mgt.*
*M. H. Harris, A. M., *Prof. Econ.*
*D. E. Robinson, B. S., *Prof. Marketing, in charge Information Service.*
*†W. L. Wanlass, Ph. D., *Prof. Business Admin.; Marketing.*

Engineering (Agr.): *R. B. West, B. S., C. E., *Dean School of Agr. Engin., Prof. Agr. Engin.*
*†O. W. Israelsen, M. S., *Prof. and in charge Irrig. and Drainage Engin.*
*†G. D. Clyde, M. S., *Asst. Prof. and Asst. in Irrig. and Drainage Engin.*
*E. B. Feldman, B. C. E., *Assoc. Prof. Agr. Engin.*
*††L. M. Winsor, B. S., *Assoc. Prof. and Assoc. in Irrig. and Drainage Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[1] Director Peterson *in charge.*
‡W. W. Owens, B. S., *County Agt. Leader.*
‡Rena B. Maycock, *State Home Dem. Leader.*
*‡J. H. Linford, D. Did., *Supt. Corresp. Study Dept.*
*‡F. R. Arnold, A. M., *in charge Community Service Bureau.*

Geology: Director Peterson *in charge.*
*Reed Bailey, B. S., *Instr. Geol.*

Home Economics: *Carrie C. Dozier, Ph. D., *Dean School of Home Econ., Prof. Foods and Dietetics*
‡Victoria B. Christensen, *Home Health and Nursing Specialist.*
*Christine B. Clayton, B. S., *Asst. Prof. Foods and Dietetics.*
*Charlotte E. Dancy, *Asst. Prof. Nursing.*
*Alice Kewley, B. S., *Prof. Household Admin., in charge Home Econ. Ed.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Home Economics—Continued.
*Johanna Moen, B. S., *Prof. Dom. Art.*
‡Sadie O. Morris, M. A., *Food Specialist.*
‡Afton Odell, B. S., *Clothing Specialist.*
*Florence Walker, B. S., *Instr. Textiles.*

Horticulture: *†T. H. Abell, M. S., *Asst. Prof. in charge.*
*‡Emil Hansen, *Instr. Landsc. Gard. and Supt. Grounds and Greenhouses.*

Physics: *†F. L. West, Ph. D., *Prof. Phys.; Physicist.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*
*†N. E. Edlefsen, M. A., *Asst. Prof. Phys.; Asst. Physicist.*

Veterinary Science: *†‡H. J. Frederick, D. V. M., *Prof. Vet. Sci.; Vet.*

Zoology and Entomology: *†‡I. M. Hawley, Ph. D., *Prof. Zool., Ent.; Ent.*
*†H. J. Pack, M. S., *Asst. Prof. Zool., Ent.; Asst. Ent.*
*C. W. Rees, Ph. D., *Asst. Prof. Zool., Ent.*

Miscellaneous:
*†Peter Nelson, M. A., *Farm Supt.*
†Blanche C. Pittman, A. B., *Libr.*
*Hattie Smith, *Asst. Libr.*

Substations:
Davis County Farm, *P. O., Farmington*—A. L. Wilson, B. S., *Supt.*
Nephi Substa., *P. O., Nephi*—A. F. Bracken, M. A., *Supt.*
Panguitch Farm, *P. O., Panguitch*—J. R. Bateman, B. S., *Supt.*

VERMONT

College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College, *Burlington*

*College faculty. †Station staff. ‡Extension staff

*G. W. Bailey, B. A., LL. D., *President*
*†J. L. Hills, Sc. D., *Dean Coll. of Agr., Dir of Sta.*
‡Thomas Bradlee, B. S., *Dir. Agr. Ext. Service*

Agronomy: Dean Hills *in charge.*
*‡Ernest Van Alstine, Ph. D., *Assoc. Prof. Agron., Agron. Specialist.*

Animal Industry: *†‡H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
‡S. G. Judd, B. S., *Dairy Specialist.*
*‡H. A. D. Leggett, B. S., *Asst. Prof. Poultry Husb., Poultry Specialist.*
*†J. A. Newlander, M. S., *Instr. An. and Dairy Husb.; Asst. An. Husb.*

Botany and Plant Pathology: *†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†A. H. Gilbert, M. S., *Asst. Prof. Bot.; Assoc. Plant Path.*
*†E. J. Dole, Ph. D., *Asst. Prof. and Asst. Bot.*
*†Alexander Gershoy, B. S., *Instr. and Asst. Bot.*
†Anna S. Lutman, B. S., *Seed Analyst.*

Chemistry: *A. B. Willmarth, M. S., *Asst. Prof. in charge Agr. Chem.*
†C. H. Jones, M. S., *Chem.*
†G. F. Anderson, *Asst. Chem.*

Economics (Agr.): ‡H. P. Young, B. S., *Farm Mgt. Dem.*

Education (Agr.): *F. B. Jenks, B. S., *Prof. Agr. Ed., Asst. Dean Coll. of Agr.*

Engineering (Agr.): *F. C. Fiske, B. S., *Instr. Farm Mech.*

Extension (Admin.): [1] Director Bradlee *in charge, and County Agt. Leader.*
‡Marjorie E. Luce, B. S., *State Home Dem. Leader and Asst. State Club Leader.*
‡E. L. Ingalls, A. B., *State Club Leader.*
‡J. E. Carrigan, B. S., *Asst. County Agt. Leader.*

Home Economics: *Bertha M. Terrill, A. M., *Prof. Home Econ.*
*Florence E. Bailey, B. S., *Asst. Prof. Home Econ.*
*Alice E. Blundell, B. S., *Asst. Prof. Home Econ.*
*Grace Burwash, M. S., *Instr. Home Econ.*
*Alida B. Fairbanks, B. S., *Instr. Home Econ.*
‡Emma A. Fuller, B. S., *Home Econ. Specialist.*
*Jessie A. Winchell, B. S., *Asst. Prof. Home Econ.*

Horticulture: *†‡M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*
*†Herschell Fox, B. S., *Asst. in Hort.; Gardener.*
†E. W. Jenkins, M. S., *Asst. Hort.*

Veterinary Science: *F. A. Rich, V. S., M. D., *Prof. Vet. Sci.*

Zoology: *H. F. Perkins, Ph. D., *Prof. Zool.*
*Ruth J. Ball, M. S., *Asst. Prof. Zool.*
*J. A. Scott, A. B., *Instr. Zool.*

Miscellaneous:
*W. H. Crockett, *Editor.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

VIRGINIA

Virginia Agricultural and Mechanical College and Polytechnic Institute and the Agricultural Experiment Station, *Blacksburg*

*College faculty. †Station staff. ‡Extension staff

*J. A. Burruss, A. M., Ph. D., *President*
*†H. L. Price, M. S., *Dean School of Agr.*
†A. W. Drinkard, jr., Ph. D., *Dir. of Sta.*
‡J. R. Hutcheson, M. S., *Dir. of Ext. Div.*

Agronomy: *†T. B. Hutcheson, M. S., *Prof. Agron.; Agron. and Supvr. of Substas. and Dir. Coll. Farm.*
*†T. K. Wolfe, Ph. D., *Prof. Agron.; Agron.*
‡S. R. Bailey, B. S., *Asst. Agron.*
†M. S. Kipps, B. S., *Asst. Agron.*
‡G. W. Patteson, jr., B. S., *Agron. Specialist.*
*H. B. Redd, B. S., *Instr. Agron.*

Animal Industry: †‡W. D. Saunders, *Dairy and An. Husb., Dairy Specialist.*
*R. E. Hunt, M. S., *Prof. An. Husb.*
*†C. W. Holdaway, M. S., *Prof. Dairy Husb.; Dairy Husb., Supt. of Creamery, Dairy, and Advanced Registry.*
*†E. J. Albert, *Instr. and Supt. Poultry Plant.*
*G. L. Booker, B. S., *Instr. Poultry Husb.*
*‡F. A. Buchanan, B. S., *Assoc. Prof. Dairy Husb., Mgr. Advanced Registry.*
‡L. I. Case, B. S., *An. Husb.*
*C. T. Cornman, *Asst. Prof. Poultry Husb.*
‡A. L. Dean, *Assoc. Poultry Husb.*
‡L. P. Emmerick, B. S., *Asst. Dairy Husb.*
*F. S. Fletcher, B. S., *Asst. in Dairy Husb.*
‡G. C. Herring, B. S., *Asst. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
‡H. G. Iddings, B. S., *Dairy Mfrs. Specialist.*
†C. R. Nobles, B. S., *Asst. An. Husb.*
*T. E. Starnes, *Instr. Poultry Husb.*
‡Rachel F. Treakle, *Asst. in Poultry Husb.*

Bacteriology and Plant Pathology: *†F. D. Fromme, Ph. D., *Prof. Bact. and Plant Path.; Bact. and Plant Path.*
‡James Godkin, M. S., *Ext. Path.*
†R. H. Hurt, B. S., *Asst. Plant Path. in charge Field Lab., P. O., Crozet.*
*A. B. Massey, B. S., *Assoc. Prof. Bact. and Plant. Path.*
†F. J. Schneiderhan, M. S., *Asst. Plant Path.*
†S. A. Wingard, M. S., *Assoc. Plant Path.*

Chemistry: *†W. B. Ellett, Ph. D., *Prof. Agr. Chem.; Chem.*
†J. F. Eheart, M. S., *Asst. Chem.*
†H. H. Hill, M. S., *Assoc. Chem.*
*J. B. Lucas, M. S., *Assoc. Prof. Chem.*

Economics (Agr.): *‡C. C. Taylor, M. S., *Assoc. Prof. Agr. Econ. and Specialist in Econ. and Marketing.*
*†‡J. A. Dickey, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ., Rural Social Organ. Specialist.*
†J. J. Vernon, M. S., *Agr. Economist.*

Education (Agr.): *D. S. Lancaster, M. S., *Prof. Agr. Ed. and State Supvr.*
*W. B. Coggin, A. M., *Prof. Agr. Ed.*
*H. C. Groseclose, B. S., *Asst. Prof. Agr. Ed.*

Education (Agr.)—Continued.
*E. C. Magill, B. S., *Assoc. Prof. Itinerant Teacher Training.*
*W. S. Newman, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.): ——, *Prof. Agr. Engin.; Agr. Engin.*
*D. C. Heitshu, B. S., *Instr. Agr. Engin.*
*‡M. J. Markuson, B. S., *Asst. Prof. and Asst. Agr. Engin.*
‡J. A. Waller, jr., M. S., *Asst. Agr. Engin.*

Entomology *†W. J. Schoene, M. S., *Prof. Econ. Ent.; Ent. (State Ent.).*
†L. R. Cagle, B. S., *Asst. Ent.*[1]
†W. S. Hough, A. M., *Asst. Ent.*[1]
†G. W. Underhill, M. S., *Asst. Ent.*[1]
†C. R. Willey, B. S., *Asst. Ent.*[1]

Extension (Admin.):[2] Director Hutcheson *in charge.*
‡W. P. Moore, *Asst. Dir.*
‡Mrs. Mary M. Davis, *State Home Dem. Agt.*
‡Helen Ricks, *Actg. State Agt. Girls' Club Work.*
‡C. A. Montgomery, B. S., *State Boys' Club Agt.*

Home Economics: ‡J. Eldona Oliver, B. S., *Clothing Specialist.*
‡Lula V. Walker, A. M., *Food Specialist.*

Horticulture: Dean Price *in charge.*
*T. C. Johnson, A. M., *Prof. Veg. Gard. (P. O., Norfolk).*
‡Kent Apperson, *Asst. Hort.*
‡L. C. Beamer, *Asst. in Veg. Ext.*
*L. B. Dietrick, B. S., *Field Instr. in Hort.*
†R. C. Moore, B. S., *Asst. Hort.*
*‡F. A. Motz, B. S., *Assoc. Prof. and Field Hort.*
*C. B. Price, *Instr. Hort.*
*‡A. G. Smith, jr., B. S., *Asst. Prof. and Specialist in Veg. Gard.*
*‡D. A. Tucker, B. S., *Instr. and Asst. Hort.*

Veterinary Science: *I. D. Wilson, D. V. M., M. S., *Prof. Vet. Sci.*
†R. A. Runnells, D. V. M., *Assoc. An. Path.*

Miscellaneous:
*†Mrs. A. P. Cunningham, *Asst. Libr. in charge Agr. Sec.*
*‡E. R. Price, *Instr. Agr. Journalism, Editor.*
*†C. I. Wade, *Treas. (P. O., Christiansburg).*

Substations: T. B. Hutcheson, M. S., *Supervisor*
Appomattox—B. G. Anderson, B. S., *Supt.*
Bowling Green—W. W. Green, *Supt. and Supvr. of Tobacco Invest. (Coop. U. S. D. A.).*
Charlotte Court House—H. C. Marshall, *Supt.*
Chatham—T. L. Copley, B. S., *Supt.*
Fishersville—P. C. Manley, B. S., *Supt.*
Holland—E. T. Batten, B. S., *Supt.*
Lightfoot—R. P. Cocke, *Supt.*
Martinsville—O. P. Strawn, *Supt.*

[1] State Crop Pest Commission Work.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Virginia Truck Experiment Station, *Norfolk*

†Station staff

†T. C. Johnson, A. M., *Director*

†S. R. Belote, *Supt. Eastern Shore Expt. Farm, P. O., Onley.*
†G. R. Gardner, *Hort. Foreman.*
†F. P. McWhorter, M. S., *Plant Path.*
†M. M. Parker, B. S., *Asst. Hort.*
†G. R. Parrish, *Treas.*
†Herbert Spencer, Ph. D., *Ent.*
†W. O. Strong, B. S., *Asst. Ent. (P. O. Onley)*
†H. H. Zimmerley, B. S., *Hort.*

Virginia Normal and Industrial Institute, *Ettricks*

*Agricultural faculty

*J. M. Gandy, A. M., Pd. D., *President*
*G. W. Owens, A. B., *Dir. of Agr. School*

*Olivia E. Bradley, B. S., *Instr. Dom. Art.*
*Willie S. Edwards, *Dietitian.*
*Letitia I. Flowers, *Pract. Dom. Sci.*
*Anna G. Fraser, B. S., *Instr. Chem.*
*Beatrice O. Green, *Libr.*
*Mae L. Hatchette, B. S., *Instr. Biol.*
*Mattie C. Jackson, B. S., *Instr. Dom. Sci.*
*A. A. Kildare, S. B., *Head Sci. Dept.*
*Edlena O'Neil, B. S., *Instr. Dom. Sci.*
*F. D. Patterson, D. V. M., *Vet.*
*Esther I. Tate, B. S., *Instr. Dom. Sci.*
*J. R. Thomas, B. S., *Instr. Voc. Agr.*
*J. B. Tynes, jr., *Instr. Farm Shop.*
*Pearl M. Vaughan, *Instr. Home Craft.*
*C. J. Wartman, *Farm Mgr.*
*Edwina M. Wright, B. S., *Dir. Home Econ.*

VIRGIN ISLANDS

Agricultural Experiment Station, *St. Croix*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†J. B. Thompson, B. S., *Director*

†W. M. Perry, *Hort. and Asst. in Ext.*
†M. S. Baker, B. S., *Agron.*

WASHINGTON

State College of Washington, the Agricultural Experiment Station, and the Extension Service, *Pullman*

*College faculty. †Station staff. ‡Extension staff

*E. O. Holland, Ph. D., *President*
*†E. C. Johnson, M. A., *Dean Coll of Agr., Dir. of Sta.*
*‡S. B. Nelson, D. V. M., *Dean and Dir. of Ext. Service*

Animal Industry: *†Howard Hackedorn, B. S., *Head Dept. of An. Husb.*
*†E. V. Ellington, B. S., *Head Dept. of Dairy Husb.*
*†J. S. Carver, B. S., *Head Dept. of Poultry Husb.*
‡W. D. Buchanan, B. S., *Poultry Specialist.*
*L. W. Cassel, B. S., *Asst. Prof. Poultry Husb.*
‡C. M. Hubbard, B. S., *An. Husb. Specialist.*
*†J. C. Knott, B. S., *Herdsman.*
‡D. G. Magruder, M. S., *Dairy Specialist.*
*A. H. Rishoi, M. S., *Asst. Prof. Dairy Mfrs.*
*R. T. Smith, B. S., *Asst. Prof. An. Husb.*
*†Jerry Sotola, M. S., *Asst. Prof. and Asst. An. Husb.*
*†R. D. Tucker, B. S., *Supt. Official Testing.*

Bacteriology: †S. C. Vandecaveye, Ph. D., *Actg. Bact.*
*Victor Burke, Ph. D., *Prof. Bact.*
*L. A. Burkey, B. S., *Instr. Bact.*
*Vera E. Lautenschlager, M. A., *Instr. Bact.*
*R. F. E. Stier, B. S., M. D., *Instr. Bact.*

Botany: *F. L. Pickett, Ph. D., *Head of Dept.*
*Hannah C. Aase, Ph. D., *Asst. Prof. Bot., Asst. Seed Analyst.*
*Mildred E. Manuel, B. S., *Instr. Bot.*
*Harold St. John, Ph. D., *Assoc. Prof. Bot.*

Chemistry: *C. C. Todd, Ph. D., *Head of Dept.*
†J. L. St. John, M. S., *Chem. (State Chem.).*
*C. M. Brewster, A. M., *Prof. Chem.*
*H. L. Cole, B. S., *Asst. Prof. Chem.*
*R. P. Cope, M. S., *Assoc. Prof. Anal. and Agr. Chem.*
*J. L. Culbertson, M. A., *Asst. Prof. Chem.*
*R. W. Gelbach, Ph. D., *Instr. Chem.*
†E. L. Green, B. S., *Asst. Chem.*
*A. A. Levine, Ph. D., *Instr. Chem.*
†J. R. Neller, Ph. D., *Asst. Chem.*
*Alice G. Paterson, M. A., *Asst. Prof. Anal. Chem.*

Economics and Sociology (Agr.): *E. F. Dummeier, A. M., *Asst. Prof. Agr. Econ.*
*F. R. Yoder, Ph. D., *Asst. Prof. Sociol.*

Education (Agr.): *D. W. Hamilton, Ph. D., *Prof. Agr. Ed.*
*F. J. Stevenson, B. S., *Instr. Agr., Supvr. Practice Teaching.*

Engineering (Agr.): *†L. J. Smith, B. S., *Head of Dept.*
*†O. L. Waller, Ph. M., *Head of Irrig. Div. Vice Pres. of Coll.*
‡A. B. Crane, M. S., *Ext. Asst. Prof. Agr Engin.*
*C. C. Johnson, B. A., *Asst. Prof. Agr. Engin*

Entomology—*See* **Zoology.**

Extension (Admin.): [1] Dean and Dir. Nelson *in charge.*
‡R. M. Turner, B. S., *Asst. Dir.*
‡W. W. Underwood, B. S., *Asst. Dir.*
‡Maud M. Wilson, B. S., *Asst. Dir.*
‡Elmina White, B. S., *Asst. State Club Leader.*
‡L. R. Lounsbury, B. S., *Ext. Editor.*

Farm Crops and Farm Management: *†E. G. Schafer, M. S., *Head Dept. of Farm Crops.; Agron.*
*†George Severance, B. S., *Head Dept. of Farm Mgt. Vice Dean of Coll.*
†O. E. Barbee, M. S., *Asst. in Farm Crops.*
*†E. F. Gaines, D. Sc., *Assoc. Prof. Farm Crops; Cerealist (Coop. U. S. D. A.).*
‡R. N. Miller, M. S., *Ext. Asst. Prof. Farm Mgt.*

Forestry: *E. H. Steffen, M. F., *Head of Dept.*

Home Economics: *Florence Harrison, M. A., *Dean Coll. of Home Econ.*
*Edna I. Avery, A. M., *Head Div. of Clothing and Textiles.*
*Leila W. Hunt, A. M., *Head Div. of Foods and Nutr.*
‡Eulalia B. Alger, B. S., *Clothing Specialist.*
*Catherine T. Bryden, M. A., *Asst. Prof. Home Econ.*
*Mary A. Elliott, B. S., *Instr. Institutional Mgt.*
‡Gladys Gallup, B. S., *Home Mgt. Specialist.*
*Vivian L. Garrett, B. A., *Instr. Home Econ.*
*Nellie B. Jacobs, B. A., *Instr. Home Econ.*
*Alice H. Mustard, B. S., *Instr. Institutional Mgt., Asst. Dietitian.*
*Helen K. Robson, B. S., *Asst. Prof. Clothing.*
*May M. Siemens, B. S., *Instr. Institutional Mgt.*
*Ida M. Smith, *Head Dietitian.*
‡Mary E. Sutherland, B. S., *Ext. Assoc. Prof. Foods and Nutr.*

Horticulture: *†O. M. Morris, M. S., *Head of Dept.*
‡M. D. Armstrong, B. S., *Hort. Specialist.*
†W. A. Luce, B. S., *Asst. Hort. (P. O., Wenatchee).*
*F. L. Overley, M. S., *Asst. Prof. Hort.*
*C. L. Vincent, M. S., *Asst. Prof. Hort.*

Plant Pathology: *†F. D. Heald, Ph. D., *Head of Dept.*

Plant Pathology—Continued.
*†B. F. Dana, M. S., *Asst. Prof. and Asst. Plant Path.*
‡G. L. Zundel, M. S., *Ext. Instr. Plant Path.*

Soils: *†F. J. Sievers, M. S., *Head of Dept.*
*A. F. Heck, M. S., *Asst. Prof. Soils.*
‡Leonard Hegnauer, B. S., *Ext. Asst. Prof. Soils and Crops.*
†H. F. Holtz, M. S., *Asst. Soil Physicist.*

Veterinary Science: *E. E. Wegner, D. V. S., B. S., *Dean Coll. of Vet. Sci.*
*S. L. Brown, B. S., D. V. S., *Asst. Prof. Anat. and Surg.*
*J. A. Howarth, D. V. M., *Instr. Physiol. and Materia Medica.*
†J. W. Kalkus, D. V. S., *Vet. (P. O., Puyallup).*
*J. E. McCoy, D. V. M., V. S., *Asst. Prof. Vet. Med.*
*E. A. Rodier, D. V. M., B. S., *Instr. Path. and Bact.*

Zoology: *†A. L. Melander, Sc. D., *Head of Dept., Prof. Ent.; Ent.*
*†W. T. Shaw, M. S., *Prof. Zool.; Zool.*
‡B. A. Slocum, B. S., *Specialist in Apiculture.*
†Anthony Spuler, M. S., *Asst. Ent.*

Substations:
Adams Branch Sta., *P. O., Lind*—
H. M. Wanser, M. S., *Actg. Supt.*
I. M. Ingham, M. S., *Asst. in Crops and Soils.*
Cranberry Lab., *P. O., Longbeach*—D. J. Crowley, B. S., *Specialist in Cranberry Invest.*
Irrig. Branch Sta., *P. O., Prosser*—
R. P. Bean, B. S., *Supt. (Coop. U. S. D. A.).*
H. P. Singleton, M. S., *Asst. in Soils and Crops.*
C. C. Wright, B. S., *Specialist in Irrig. Invest. (Coop. U. S. D. A.).*
Waterville Branch Sta., *P. O., Waterville*—
C. E. Hill, B. S., *Supt. (Coop. U. S. D. A.).*

Western Washington Station, *P. O., Puyallup*—
W. A. Linklater, B. S., *Supt.*
Arthur Frank, B. S., *Plant Path.*
W. T. Johnson, B. S., D. V. M., *Poultry Vet.*
M. E. McCollam, B. S., *Agron.*
H. D. Locklin, M. S., *Hort.*
G. R. Shoup, *Poultryman.*
Mrs. G. R. Shoup, *Poultry Specialist.*

WEST VIRGINIA

College of Agriculture and Agricultural Experiment Station of West Virginia University, *Morgantown*

*College faculty. †Station staff. ‡Extension staff

*F. B. Trotter, A. M., LL. D., *President of University*
*G. R. Lyman, Ph. D., *Dean Coll. of Agr.*
†H. G. Knight, Ph. D., *Dir. of Sta.*
‡N. T. Frame, A. B., *Dir. of Agr. Ext. Div.*

Agronomy: *†R. J. Garber, Ph. D., *Head of Dept.*
‡D. R. Dodd, B. S., *Agron. Specialist.*
*†T. E. Odland, M. S., *Assoc. Prof. and Assoc. Agron.*
*†K. S. Quisenberry, B. S., *Instr. and Junior Agron.*

Animal and Poultry Husbandry: *†E. A. Livesay, M. S., *Head Dept. of An. Husb.*

Animal and Poultry Husbandry—Continued.
†Horace Atwood, M. S., *Head Dept. of Poultry Research.*
*E. L. Andrews, M. S., *Head Dept. of Poultry Husb.*
‡B. F. Creech, B. S., *Beef Cattle and Hog Specialist.*
*‡E. L. Shaw, B. S., *Instr. An. Husb., Sheep Specialist.*

[1] For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.

Animal and Poultry Husbandry—Continued.
*†E. C. Stillwell, M. S., *Asst. Prof. and Asst. An. Husb.*
†R. H. Tuckwiller, B. S., *Asst. An. Husb.* (*Coop. U. S. D. A.*).
‡G. J. Van Derveer, B. S., *Asst. Poultry Specialist.*
*†S. S. Wheeler, M. S., *Instr. and Junior An. Husb.*
‡O. D. White, B. S., *Asst. Poultry Specialist.*
*†C. V. Wilson, M. S., *Asst. Prof. and Asst. An. Husb.*

Chemistry: Director Knight *in charge.*
†T. J Cochrane, B. S., *Junior Chem.*
†F. B. Kunst, A. B., *Asst. Chem.*
†T. B. Leith, A. B., *Asst. Chem.*
†C. E. Weakley, jr., A. B., *Asst. Chem.*

Dairy Husbandry: *†E. L. Anthony, M. S., *Head of Dept.*
*†Warren Gifford, B. S., *Instr. and Junior Dairy Husb.*
*†H. O. Henderson, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. V. Hopkins, B. S., *Dairy Specialist.*
*†G. M. Trout, M. S., *Asst. in Dairy Husb.*

Economics (Agr.): *†A. J. Dadisman, Ph. D., *Head of Dept.*
*†‡W. W. Armentrout, B. S., *Instr. and Junior Farm Economist.*
‡A. H. Rapking, B. D., *Rural Organ. Specialist.*

Education (Agr.): *H. B. Allen, M. S., *Head of Dept.*
*R. A. Olney, M. S., *Asst. Prof. Agr. Ed.*
*D. W. Parsons, M. S., *Instr. and Asst. Supvr. Voc. Agr.*

Engineering (Agr.): A. J. Dadisman *in charge*
*†F. D. Cornell, jr., M. S., *Instr. and Junior Farm Mech.*

Entomology: *†L. M. Peairs, M. S., *Head of Dept.*
†W. E. Rumsey, B. S., *Ent.* (*State Ent.*).

Extension (Admin.): [1] Director Frame *in charge.*
*‡C. H. Hartley, B. S., *Asst. Dir. and Instr. Agr. Ext.*
‡W. H. Kendrick, B. S., *Asst. Dir. in charge Club Work* (*P. O., Weston*).

Extension (Admin.)—Continued.
‡Margaret Ford, B. S., *State Home Dem. Agt.*
‡Hazel M. Horsfall, B. S., *State Club Agt.*

Home Economics: *Rachel H. Colwell, A. M., *Head of Dept.*
*Hazel M. Goddard, B. S., *Asst. in Home Econ.*
*Isabelle D. Lowe, B. S., *Instr. Home Econ.*
*Mary A. Milner, B. S., *Instr. Home Econ.*
*Nell Nesbitt, M. A., *Asst. Prof. Home Econ.*
*Jean E. Richmond, M. A., *Asst. Prof. Ed. and Home Econ.*
*Sara E. Slater, B. S., *Instr. Home Econ.*

Horticulture: *†M. J. Dorsey, Ph. D., *Head of Dept.*
*†Ernest Angelo, B. S., *Instr. and Junior Hort.*
‡Dee Crane, *Potato Specialist.*
*†H. L. Crane, M. S., *Assoc. Prof. and Assoc. Hort.*
*†T. M. Currence, B. S., *Ins and Junior Hort.*
‡T. D. Gray, B. S., *Hort. Spe ialist.*
*†H E. Knowlton, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H W. Prettyman, B. S., *Supt. Packing School* (*P. O. Inwood*).
*†K. C. Westover, M. S., *Asst. Prof. and Asst. Hort.*

Journalism: *†‡C. E. Stockdale, B. S., *Instr. Agr. Journalism; Agr. Editor.*

Plant Pathology: *†N. J. Giddings, Ph. D., *Head of Dept.*
†Anthony Berg, M. S., *Asst. Plant Path.*
*†L. H. Leonian, Ph. D., *Asst. Prof. and Asst. Plant Path.*
†‡E. C. Sherwood, M. S., *Asst. Plant Path., Specialist in Plant Diseases.*

Soils: *†E. P. Deatrick, Ph. D., *Head of Dept.*

Miscellaneous:
*L. D. Arnett, Ph. D., *Libr.*

Substations:
Maggie Substa., *P. O., Maggie*—T. C. McIlvaine, Ph. D., *Asst. Agron. in charge* (*Coop. U. S. D. A.*).
Reymann Memorial Farms, *P. O., Wardensville*—L. F. Sutton, B. S., *Supt.*

The West Virginia Collegiate Institute, *Institute*

*Agricultural faculty

*J. W. Davis, A. M., *President*
*A. W. Curtis, M. Agr., *Dir. of Agr. Dept.*

*Essie J. Anderson, B. S., *Dom. Sci.*
*Mary E. Eubank, *Dom. Sci. and Art.*
*A. P. Hamblin, B. S., *Biol.*
*R. W. James, *Asst. Dir. Agr. Dept.*
*Exie L. Kelly, B. S., *Dir. Teacher Training in Home Econ.*
*D. M. Prillerman, B. S., *Chem.*
*Ednora M. Prillerman, B. S., *Dom. Sci.*
*W. F. Savoy, LL. B., *Libr.*
*Mrs. Amanda G. Spriggs, *Dom. Arts.*
*Birdie Williams, B. S., *Dom. Sci.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

WISCONSIN

College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin, *Madison*

*College faculty. †Station staff. ‡Extension staff

*E. A. Birge, Ph. D., Sc. D., LL. D., *President of University*
*†‡H. L. Russell, Ph. D., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service*

Agronomy: *†‡R. A. Moore, *Chair. of Dept.*
*†‡H. W. Albertz, M. S., *Instr. and Asst. Agron.*
‡G. M. Briggs, B. S., *Agron. Specialist.*
*†‡E. J. Delwiche, M. S., *Prof. Agron. (P. O., Green Bay).*
*†‡L. F. Graber, M. S., *Prof. Agron.; Agron.*
*†‡E. D. Holden, M. S., *Instr. and Asst. Agron.*
†George Janssen, M. S., *Asst. in Agron.*
*†B. D. Leith, B. S., *Assoc. Prof. Agron.; Agron.*
*†G. B. Mortimer, B. S., *Assoc. Prof. Agron.; Agron.*
*†‡A. L. Stone, *Asst. Prof. and Asst. Agron.*
*†‡A. H. Wright, M. S., *Assoc. Prof. and Assoc. Agron. (Coop. U. S. D. A.).*

Animal and Poultry Husbandry: *†‡G. C. Humphrey, B. S., *Chair. An. Husb. Dept.*
*†‡J. G. Halpin, B. S., *Chair. Poultry Husb. Dept.*
‡H. J. Brant, M. S., *An. Husb. Specialist.*
‡A. O. Collentine. *An. Husb. Specialist.*
‡A. J. Cramer, B. S., *Supvr. in charge Cow Testing Assoc. (Coop. U. S. D. A.).*
*†J. M. Fargo, M. S., *Asst. Prof. and Asst. An. Husb.*
*†J. G. Fuller, B. S., *Prof. An. Husb.; An. Husb*
‡R. T. Harris, *Supvr. in charge Dairy Tests.*
‡J. B. Hayes, B. S., *Asst. Prof. Poultry Husb.*
*†‡R. S. Hulce, M. S., *Prof. An. Husb.; An. Husb.*
*†‡O. N. Johnson, *Asst. in Poultry Husb.*
*†‡Frank Kleinheinz, *Asst. Prof. and Asst. An. Husb. (Sheep Work).*
*†‡C. E. Lampman, B. S., *Instr. and Asst. Poultry Husb.*
*†F. B. Morrison, B. S., *Prof. An. Husb.; An. Husb. and Asst. Dir. of Sta.*
‡R. F. Murray, B. S., *An. Husb. Specialist.*
*†I. W. Rupel, M. S., *Instr. and Asst. An. Husb.*

Bacteriology: *†‡E. G. Hastings, M. S., *Chair. of Dept.*
*†W. R. Carroll, M. S., *Asst. in Agr. Bact.*
*†‡E. B. Fred, Ph. D., *Prof. Agr. Bact.; Agr. Bact.*
*†‡W. D. Frost, Ph. D., Dr. P. H., *Prof. Agr. Bact.; Agr. Bact.*
*†Edith Haynes, M. S., *Instr. and Asst. in Agr. Bact.*
*†‡Harriet L. Mansfield, B. S., *Asst. Agr. Bact.*
*Myrtle A. Shaw, M. S., *Asst. Agr. Bact.*
*†J. W. Stevens, M. S., *Asst. in Agr. Bact.*
*A. L. Whiting, Ph. D., *Assoc. Prof. Agr. Bact.*
*†W. H. Wright, Ph. D., *Assoc. Prof. Agr. Bact.; Agr. Bact.*

Chemistry: *†E. B. Hart, B. S., *Chair. of Dept.*
*†Archie Black, M. S., *Asst. in Agr. Chem.*
*†C. A. Elvehjem, M. S., *Asst. in Agr. Chem.*
*†C. A. Hoppert, M. S., *Instr. and Asst. Agr. Chem.*
*†Samuel Lepkovsky, M. S., *Instr. and Asst. Agr. Chem.*

Chemistry—Continued.
*Mrs. Mariana T. Nelson, M. S., *Asst. Chem.*
*†W. H. Peterson, Ph. D., *Assoc. Prof. Agr. Chem.; Agr. Chem.*
*†Harry Steenbock, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*†W. E. Tottingham, Ph. D., *Assoc. Prof. Agr. Chem.; Agr. Chem.*

Dairy Husbandry: *†‡E. H. Farrington, M. S., *Chair. of Dept.*
*†‡J. L. Sammis, Ph. D., *Assoc. Prof. Dairy Husb.; Dairy Husb.*
*†H. H. Sommer, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*
*†L. C. Thomsen, G. A., *Instr. and Asst. Dairy Husb.*
‡W. M. Totman, *Dairy Husb. Specialist.*

Economics (Agr.): *†‡B. H. Hibbard, Ph. D., *Chair. of Dept.*
‡H. H. Bakken, M. A., *Marketing Specialist.*
‡J. S. Donald, D. D. S., *Agr. Econ. Specialist (Coop. U. S. D. A.).*
*†A. J. Haas, *Asst. in Agr. Econ.*
†Stella E. Jacobus, *Asst. in Agr. Econ.*
*O. M. Johnson, B. S., *Asst. in Agr. Econ.*
*†‡J. H. Kolb, Ph. D., *Assoc. Prof. Agr. Econ. (Rural Life); Agr. Econ.*
*†P. E. McNall, M. S., *Assoc. Prof. Agr. Econ.; Agr. Econ.*
*†Theodore Macklin, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*M. C. Riley. LL. B., *Lect. in Agr. Econ.*
*†M. A. Schaars, B. S., *Asst. in Agr. Econ.*
*Eleazer Tetreau, M. A., *Lect. in Agr. Econ.*

Education (Agr.): *J. A. James, B. S., *Chair. of Dept. and Asst. Dean of Resident Instr.*
*‡E. M. Tiffany, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.): *†‡E. R. Jones, M. S., *Chair. of Dept.*
*†‡F. W. Duffee, B. S., *Assoc. Prof. and Assoc. Agr. Engin.*
*†N. S. Fish, B. S., *Instr. and Asst. Agr. Engin.*
*†T. L. Koontz, B. S., *Asst. Agr. Engin.*
‡W. A. Rowlands, B. S., *Land Clearing Specialist.*
*†‡J. H. Swenehart, B. S., *Prof. Agr. Engin. (Land Clearing); Agr. Engin.*
‡O. R. Zeasman, B. S., *Asst. Prof. Agr. Engin.*

Entomology: *†‡H. F. Wilson, M. S., *Chair. of Dept.*
*†‡C. L. Fluke, Jr., M. S., *Asst. Prof. and Asst. Econ. Ent.*
*†A. A. Granovsky, M. S., *Instr. and Asst. Econ. Ent.*
*†V. G. Milum, M. S., *Instr. and Asst. Econ. Ent.*

Extension (Admin.):[1] Director Russell *in charge.*
‡K. L. Hatch, B. S., *Asst. Dir. in charge.*
‡J. F. Wojta, M. S., *County Agt. Leader.*
‡T. L. Bewick, M. S., *State Club Leader.*
‡G. M. Briggs, B. S., *Asst. County Agt. Leader.*
‡W. W. Clark, B. S., *Asst. County Agt. Leader.*
‡E. L. Luther, B. S., *Supvr. Ext. Courses and Schools and Supt. Farmers' Insts.*
‡Wakelin McNeel, B. A., *Asst. State Club Leader.*
‡Elizabeth M. Salter, B. S., *Asst. State Club Leader*

Genetics: *†L. J. Cole, Ph. D., *Chair. of Dept.*
†F. A. Abegg, M. S., *Asst. in Genetics.*
*†R. A. Brink, D. Sc., *Asst. Prof. Genetics; Asst. Geneticist.*
†C. R. Burnham, B. S., *Asst. in Genetics.*
†Kathleen S. Dietrich, B. S., *Asst. in Genetics.*
†Augustin Rodolfo, B. S., *Asst. in Genetics.*
†D. G. Steele, M. S., *Asst. in Genetics.*
†E. E. Van Lone, B. S., *Asst. in Genetics.*

Home Economics: *††Abby L. Marlatt, M. S., *Chair. of Dept. and Dir. of Courses.*
*Ann G. Braun, M. S., *Instr. Home Econ.*
*Florence Corbin, B. S., *Instr. Home Econ.*
*May L. Cowles, M. S., *Asst. Prof. Home Econ.*
*Eleanor R. Craighill, B. S., *Instr. Home Econ.*
*Bernice F. Dodge, B. S., *Asst. Prof. Home Econ.*
‡Wealthy M. Hale, B. S., *Home Econ. Specialist.*
*Hazel Hartman, *Instr. Home Econ.*
*Ruth Henderson, B. S., *Asst. Prof. Home Econ.*
*Ellen G. Hillstrom, B. S., *Assoc. Prof. Home Econ.*
‡Edna Huffman, B. S., *Home Econ. Specialist.*
‡Mrs. Nellie K. Jones, M. S., *State Leader Home Econ. Ext.*
‡Sadie A. McNulty, B. S., *Home Econ. Specialist.*
*Hazel Manning, M. S., *Assoc. Prof. Home Econ.*
‡Gladys L. Meloche, M. S., *Home Econ. Specialist.*
*Mrs. Dorothy R. Mendenhall, M. D., *Lect. in Home Econ.*
*Ruth H. Myrland, B. A., *Asst. to Chair. of Dept.*
*Helen T. Parsons, M. S., *Asst. Prof. Home Econ.*
‡Mary E. Purcell, B. S., *Home Econ. Specialist.*
*Eva S. Schairer, B. S., *Instr. Home Econ.*
‡Gladys S. Stillman, Ph. B., *Home Econ. Specialist.*
*†Bess Tyrrell, *Instr. and Asst. Home Econ.*
*Mrs. Dorothy Wiepking, B. S., *Asst. in Home Econ.*
*Dorothy B. Wood, B. S., *Instr. Home Econ.*

Horticulture: *††J. G. Moore, M. S., M. H., *Chair. of Dept.*
*‡F. A. Aust, M. S., M. L. D., *Assoc. Prof. Hort. (Landsc. Design).*
†Dorothy Bradbury, M. A., *Asst. in Hort.*
‡J. W. Brann, M. S., *Asst. Prof. Hort.*
*††James Johnson, Ph. D., *Prof. Hort.; Hort. (Coop. U. S. D. A.).*
*‡Laura R. Kremers, M. A., *Asst. in Hort.*
‡C. L. Kuehner, B. S., *Hort. Specialist.*

Horticulture—Continued.
*††M. E. Luther, B. S., *Asst. in Hort.*
*††J. G. Milward, M. S., *Prof. Hort.; Hort.*
*Maurice Mulvania, M. S., *Instr. Hort.*
*†G. T. Nightingale, M. S., *Instr. and Asst. Hort.*
*††R. H. Roberts, M. S., *Assoc. Prof. Hort.; Hort.*

Journalism: *††A. W. Hopkins, B. L., *Chair. of Dept., Editor.*
*‡Grace E. Langdon, B. A., *Instr. Agr. Journalism.*
*‡W. A. Sumner, B. S., *Assoc. Prof. Agr. Journalism, Assoc. Editor.*

Plant Pathology. *††L. R. Jones, Ph. D., D. Sc., *Chair. of Dept.*
‡J. W. Brann, M. S., *Asst. Prof. Plant Path.*
*†J. G. Dickson, Ph. D., *Assoc. Prof. and Plant Path. (Coop. U. S. D. A.).*
*E. M. Gilbert, Ph. D., *Prof. Plant Path.*
†George Janssen, M. S., *Asst. in Plant Path.*
*†L. K. Jones, Ph. D., *Instr. and Asst. Plant Path.*
*†G. W. Keitt, Ph. D., *Prof. Plant Path.; Plant Path.*
*Florence L. Markin, B. S., *Asst. in Plant Path.*
*†A. J. Riker, Ph. D., *Instr. and Asst Plant Path.*
‡R. E. Vaughan, M. S., *Assoc. Prof. Plant Path.*
*†J. C. Walker, Ph. D., *Asst. Prof. and Asst. Plant Path. (Coop. U. S. D. A.).*

Soils: *††A. R. Whitson, B. S., *Chair. of Dept.*
††A. R. Albert, B. S., *Asst. in Soils (P. O., Hancock).*
*R. P. Bartholomew, M. S., *Instr. Soils.*
‡C. J. Chapman, B. S., *Asst. Prof. Soils and Chem. in State Soils Lab.*
*W. J. Geib, M. Agr., *Asst. Prof. Soils, Soil Survey Work (Coop. U. S. D. A.).*
*†E. J. Graul, M. S., *Asst. Prof. and Asst. in Soils.*
*††F. L. Musbach, B. S., *Assoc. Prof. Soils (P. O., Marshfield).*
*‡Griffith Richards, B. S., *Assoc. Prof. Soils.*
*†H. W. Stewart, Ph. D., *Asst. Prof. and Asst. in Soils.*
*†Emil Truog, M. S., *Prof. Soils; Soils.*
††H. W. Ullsperger, B. S., *Asst. Prof. Soils (P. O., Sturgeon Bay).*
‡O. R. Zeasman, B. S., *Asst. Prof. Soils.*

Veterinary Science: *††F. B. Hadley, D. V. M., *Chair. of Dept.*
*A. S. Alexander, F. H., A. S., M. D. C., *Prof. Vet. Sci.*
*††B. A. Beach, D. V. M., *Assoc. Prof. Vet. Sci.; Vet.*
††E. M. Gildow, D. V. M., *Asst. in Vet. Sci.*

Miscellaneous:
*††W. H. Ebling, B. S., *Asst. to Dean and Dir.*
‡A. J. Haas, *Executive Secy.*
*†C. S. Hean, B. A., *Libr.*

Substations:
Ashland, Spooner, and Peninsular Stas.—E. J. Delwiche, M. S., *in charge (P. O., Green Bay).*
Hancock and Coddington Stas.—A. R. Albert, B. S., *in charge (P. O., Hancock).*
Marshfield.—F. L. Musbach, B. S., *in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming
Laramie

*College faculty. †Station staff. ‡Extension staff

*A. G. Crane, Ph. D., *President*
*†J. A. Hill, B. S., *Dean Coll. of Agr., Dir. of Sta. Wool Specialist*
‡A. E. Bowman, B. S., *Dir. of Agr. Ext.*

Agronomy: *†A. F. Vass, M. S., *Prof. Agron.; Agron.*
*†Glen Hartman, B. S., *Asst. Prof. and Asst. Agron.*
‡R. O. Westley, M. S., *Crops and Soils Specialist.*

Animal Industry: *†F. S. Hultz, M. S., *Prof. An. Husb.; An. Husb.*
*†R. H. Burns, M. S., *Asst. Wool Specialist.*
*†F. J. Kohn, B. S., *Instr. and Asst. Poultry Husb.*
*†E. B. Krantz, M. S., *An. Husb. in charge Horse Brdg. Farm (Coop. U. S. D. A.).*
‡W. H. McNees, B. S., *Poultry Specialist.*
*†L. P. Reeve, B. S., *Asst. Prof. and Asst. An. Husb.*
‡D. J. Robertson, B. S., *Livestock and Dairy Specialist.*
*†H. S. Willard, M. S., *Asst. Prof. and Asst. An. Husb.*

Botany: *†Aven Nelson, Ph. D., *Prof. Bot.; Bot. and Hort.*
*†E. B. Payson, Ph. D., *Assoc. Prof. Bot.; Assoc. Bot. and Hort.*
‡R. U. Cotter, B. S., *Specialist in Barberry Erad. Work (Detailed by U. S. D. A.).*

Chemistry: *L. E. Walter, M. S., *Prof. Chem. (State Chem.).*
*†O. A. Beath, M. A., *Prof. Chem.; Head Research Chem.*
†C. B. Clevenger, Ph. D., *Asst. Research Chem.*
†A. T. Cundy, A. R. C. Sc., *Asst. Research Chem.*
*†F. E. Hepner, M. S., *Assoc. Prof. Chem.; Head of Weather Sta.*
*P. T. Miller, M. A., *Prof. Chem.*

Education (Agr.): *S. H. Dadisman, M. S., *Assoc. Prof. Teacher Training in Agr.*
Mrs. Clara B. Bowman, B. A., *Asst. Prof. Rural Ed.*

Engineering (Agr.): *†J. C. Fitterer, C. E., *Prof. Irrig. Engin.; Irrig. Engin.*

Extension (Admin.):[1] Director Bowman *in charge.*
‡F. P. Lane, B. S., *County Agt. Leader.*
‡Mary Rokahr, A. B., *State Home Dem. Leader.*
‡W. P. Mortenson, M. S., *State Club Leader.*
‡G. W. O'Roke, *Admin. Asst.*

Home Economics: *Elizabeth J. McKittrick, M. S., *Prof. Home Econ.*
*Olga M. Hoesly, M. S., *Asst. Prof. Teacher Training in Home Econ.*
‡Wilhelmina E. Jacobson, M. A., *Clothing Specialist.*
*Dorothy Liggett, Ph. B., *Instr. Institutional Mgt.*
‡Luella P. Sherman, B. S., *Foods and Nutr. Specialist.*
*Bernice A. Tucker, B. S., *Instr. Home Econ.*
*Katherine A. Waller, B. S., *Asst. Prof. Home Econ.*

Veterinary Science: *†Cecil Elder, D. V. M., M. S., *Assoc. Prof. and Head Dept. of Vet. Sci. and Bact.; Research Path.*
*†A. M. Lee, D. V. M., *Instr. Bact.; Asst. in An. Diseases.*

Zoology: *†J. W. Scott, Ph. D., *Prof. Zool.; Research Parasitol.*
*‡C. L. Corkins, M. S., *Asst. Prof. Ent. and Apiary Specialist (State Ent.).*
‡A. M. Day, B. S., *Rodent Control Specialist (Detailed by U. S. D. A.).*
*†E. C. Harrah, Ph. D., *Assoc. Prof. Zool. Asst. Parasitol.*

Miscellaneous:
*Reba Davis, B. L. S., *Libr.*
†Marion V. Higgins, *Libr.*
†W. L. Quayle, B. S., *Dir. Div. of State Farms.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

INDEX OF NAMES

Aase, H. C., 69.
Abbey, M. J., 40.
Abbott, C. E., 11.
Abbott, F. H., 5.
Abbott, J. B., 30.
Abbott, R. C., 41.
Abbott, W. C., 27.
Abegg, F. A., 73.
Abell, M. F., 31.
Abell, T. H., 67.
Ackerson, C. W., 41.
Ackert, J. E., 25.
Adair, Mrs. D. W., 2.
Adams, B., 48.
Adams, C. S., 37.
Adams, F., 6.
Adams, G. E., 60.
Adams, H. R., 18.
Adams, J. E., 51.
Adams, J. F., 10.
Adams, J. V., 43.
Adams, J. W., 8.
Adams, M., 42.
Adams, M. G., 53.
Adams, O. V., 8.
Adams, R. L., 5.
Adams, R. M., 48.
Adams, W. L., 60.
Addy, R. H., 32.
Adriance, G. W., 65.
Agar, H. L., 17.
Agee, H. P., 14.
Ahlborn, M., 25.
Ahlson, C. B., 14.
Aicher, L. C., 25.
Aiken, J. B., 10.
Aitken, W. A., 23.
Aitkenhead, W., 19.
Aitkenhead, W. C., 18.
Albert, A. R., 73.
Albert, D. W., 3.
Albert, E. J., 68.
Albertz, H. W., 72.
Albrecht, W. A., 39.
Alcock, J. R., 30.
Alcox, Mrs. O. S., 23.
Alder, B., 66.
Alderman, G. W., 31.
Alderman, O. A., 54.
Alderman, W. H., 36.
Alex, A. H., 65.
Alexander, A. S., 73.
Alexander, C. L., 34.
Alexander, C. P., 31.
Alexander, E. D., 12.
Alexander, J. M., 66.
Alexander, W. H., 54.
Alford, C. H., 7.
Alford, S. W., 42.
Alger, E. B., 70.
Alger, H. B., 46.
Allard, H. W., 25.
Allbaugh, L. G., 21.
Allen, A. A., 48.
Allen, C. L., 46.
Allen, E. W., II.
Allen, F. J., 18.
Allen, F. L., 53.
Allen, F. W., 7.
Allen, H. B. (N. J.), 44.
Allen, H. B. (W. Va.), 71
Allen, H. L., 31.
Allen, H. R., 27.
Allen, H. W., 37.
Allen, J. C., 19.
Allen, Lilburn, 15.
Allen, Lucile, 16.
Allen, L. J., 56.
Allen, P. W., 63.
Allen, W., 46.
Allen, W. H., 43.
Allison, I. M. K., 8.
Allison, J. H., 35.
Allred, C. E., 63.
Almy, E. F., 52.
Alston, J. H., 2.
Alvarez, A. A., 59.
Alway, F. J., 36.
Amadon, R. S., 52.
Amberson, J. D., 59.
Ambrose, A. S., 16.
Ambrose, M. A., 63.
Ames, C. T., 37.
Ames, J. W., 54.
Amidon, E. P., 35.
Amos, E. G., 33.
Amundson, G., 32.
Anderegg, L. T., 20.
Anders, C. B , 37.
Anders, I. A., 22
Anderson, A., 41
Anderson, A. B., 4.
Anderson, A. K., 58.
Anderson, A. L., 20.
Anderson, A. V., 50.
Anderson, B. G., 68.
Anderson, B. M., 24.
Anderson, C. R., 59.
Anderson, C. S., 16.
Anderson, E. E., 56.
Anderson, E. J., 71.
Anderson, E. N., 41.
Anderson, E. O., 41.
Anderson, F. A. (Colo.), 8.
Anderson, F. A. (Minn.), 36.
Anderson, F. L., 46.
Anderson, F. P., II.
Anderson, G. C., 14.
Anderson, G. F., 67.
Anderson, H. W., 17.
Anderson, J. A., 36.
Anderson, J. C., 15.
Anderson, M. A., 52.
Anderson, O. G., 19.
Anderson, P. A., 34.
Anderson, P. J., 10.
Anderson, R. G., 20.
Anderson, R. J., 49.
Anderson, R. L., 4.
Anderson, W. A., 50.
Anderson, W. S. (Ky.), 26.
Anderson, W. S. (Miss.), 37.
Andrew, R. E., 10.
Andrews, E. L., 70.
Andrews, K. C., 32.
Angelo, E., 71.
Annan, M. C., 9.
Anthony, E. L., 71.
Anthony, R. D., 59.
Apperson, K., 68.
Appleman, C. O., 30.
Appleton, H. C., 12.
Appleton, W. H., 1.
Arbour, M. B., 27.
Archibald, J. G., 31.
Arey, J. A., 50.
Argo, V. N., 47.
Armentrout, W. W., 71.
Armes, M. J., 59.
Armstrong, F. E., 15.
Armstrong, G. B., 17.
Armstrong, G. M., 61.
Armstrong, L. O., 50.
Armstrong, M. D., 70.
Armstrong, W. F., 50.
Arnett, C. N., 40.
Arnett, L. D., 71.
Arnold, C. A., 46.
Arnold, C. R., 52.
Arnold, E. M., 25.
Arnold, F. R., 66.
Arnquist, J. E., 21.
Arny, A. C., 34.
Arrington, M. B., 66.
Arroyo, A., 60.
Asbury, S. E., 64.
Ashworth, J. T., 10.
Atkeson, F. W., 14.
Atkinson, A., 40.
Atwood, E. M., 17.
Atwood, F. J., 41.
Atwood, H., 70.
Atwood, R. B., 66.
Atwood, W. M., 56.
Aubel, C. E., 24.
Auchter, E. C., 30.
Aull, G. H., 61.
Aull, W. B., 61.
Aull, Mrs. W. B., 61.
Aust, F. A., 73.
Austin, E. L., 19.
Austin, L., 7.
Averill, A. W., 29.
Averill, F. G., 29.
Averitt, S. D., 26.
Avery, E. I., 70.
Avery, S., II, 41.
Ayers, T. L., 61.
Ayres, A. W., 18.
Ayres, J. C., 14.
Ayres, Q. C., 21.
Ayres, W. E. (Miss.), 37.
Ayres, W.E. (N.Y.), 46.

Babcock, E. B., 6.
Bachtell, M. A., 54.
Backus, L. S., 39.
Badger, C. J., 15.
Baer, A. A., 41.
Baer, A. C., 55.
Baerg, W J., 4.
Bailey, A. C., 23
Bailey, C. H., 34.
Bailey, E. M., 10.
Bailey, F. E., 67.
Bailey, G. W., 67.
Bailey, J. S., 31.
Bailey, M. V., 53.
Bailey, R., 66.
Bailey, S. R., 68.
Baird, T. S., 26.
Baker, A. L. (Mont.), 40.
Baker, A. L. (Pa.), 59.
Baker, C. A., 8.
Baker, C. E., 19.
Baker, G. J., 51.
Baker, G. L., 10.
Baker, H., 28.
Baker, H. J., II, 43, 44.
Baker, H. R., 10.
Baker, K. G., 1.
Baker L. 25.
Baker, L. M., 29.
Baker, M., 22.
Baker, M. A., 11.
Baker, M. M., 22.
Baker, M. P., 20.
Baker, M. S., 69.
Baker, T. A., 10.
Baker, W. G., 21.
Bakke, A. L., 20.

Bakken, H. H., 72.
Balch, W. B., 25.
Baldwin, E. J., 15.
Baldwin, F. M., 23.
Baldwin, G. H., 60.
Baldwin, I. L., 18.
Baldwin, R. J., 32.
Bales, A., 52.
Ball, A. S., 31.
Ball, C. D., 32.
Ball, E. D., II.
Ball, G. I., 44.
Ball, O. M., 64.
Ball, R. J., 67.
Ballantyne, A. B., 3.
Ballard, C. V., 33.
Ballard, F. L., 56.
Ballard, W. R., 30.
Ballou, F. H., 54.
Balmer, F. E., 35.
Baltzer, A. C. 32.
Bamer, R. H.. 19.
Bancroft C., 53.
Bancroft, L., 29.
Bane, G. M., 53
Banta, L., 30.
Barbee, O. E., 70.
Bardsley, J. H., 20.
Barger, E. H., 7.
Barham, J. F., 39.
Barkas, B. W., 46.
Barker, Mrs. E. P., 21.
Barker, P. I., 21.
Barkman, J. O., 26.
Barlow, J., 60.
Barlow R. R., 36.
Barner, J. A., 51.
Barnes, B. F., 25.
Barnes, Mrs. D. R., 65.
Barnes, E. E., 53.
Barnes, G., 30.
Barnes, G. F., 37.
Barnes, G. W., 64.
Barnes, I. M., 17.
Barnes. M. A.. 1.
Barnett. R. J.. 25.
Barnette. R. M.. 63.
Barnhart. A. S., 59.
Barnum. C. C., 14.
Barr. G. W.. 42.
Barr. H. T.. 4.
Barre. H. W.. 61.
Barrett. DuP.. 12.
Barrett. J. T.. 7.
Barron. J. H., 46.
Barrow, D. N., 27.
Barrows, W. M., 53.
Barrus, M. F., 48.
Barry, Mrs. M. W., 65.
Barss, H. P., 56.
Bartel, F. O., 49.
Bartholomew, E. T., 7.
Bartholomew, H., 17.
Bartholomew, R. P., 73.
Bartlett, J. M., 29.
Bartlett, J. W., 43, 44.
Bartlett, R. W., 46.
Bartley, M. A., 31.
Barto, H. T., 17.
Barton, O. A., 51.
Barts, A. A., 47.
Basard, H. J., 19.
Basinger, A. J., 6.
Basore, C. A., 1.
Bassett, L. B., 34.
Batchelder, C. H., 28.
Batchelor, E. M., 25.
Batchelor, L. D., 7.
Bateman, G. Q., 66.
Bateman, J. R., 67.
Bates, E., 47.
Bates, M., 25.
Bates, S. L., 22.
Bates, W. E., 7.
Batten, E. T., 68.
Bauer, F., 60.
Bauer, F. C., 15.
Bauer, G., 64.
Baver, L. D., 54.
Baxter, R. L., 32.
Bayha, A., 33.
Bayles, B. B., 57.
Bayles, J. J., 65.
Bayne, T. L., jr., 47.
Bazore, E. K., 53.
Beach, B. A., 73.
Beach, C. L., 9.
Beach, F. H., 53.
Beach, J. R., 7.
Beach, W. S., 58.
Beadle, A. P., 19.
Beadles, J. R., 16.
Beal, A. C., 48.
Beal, J. M., 37.
Beale, A. M., 28.
Beam, A. L., 58.
Beamer, L. C., 68.
Bean, R. P., 70.
Beanblossom, W. E., 20.
Bear, F. E., 53, 54.
Beard, F. J., 55.
Beard, W. P., 62.
Bearer, E. V., 44.
Beath, O. A., 74.
Beaudette, F. R., 43, 44.
Beaumont, A. B., 30.
Beaumont, J. H., 36.
Bechdel, S. I., 58.
Beckett, S. H., 6.
Beckman, F. W., 23.
Beckwith, C. S., 44.
Beckwith, F. S., 44.
Becraft, R. J., 66.
Bedenbaugh, P. G., 37.
Beeson, K. E., 18.
Begg, R. E., 9.
Beggs, A. F., 43.
Behr, J. R., 19.
Behre, E. H., 28.
Behrends, F. G., 47.
Behrens, C. A., 18.
Belden, H. G., 35.
Bell, C. E., 11.
Bell, D. S., 54.
Bell, F., 13.
Bell, F. W., 24.
Bell, J. C., 57.
Bell, J. P., 4.
Bell, Mrs. M. C., 44.
Bell, O. J., 48.
Bell, R. H., 59
Bell, V. M., 22.
Belote, S. R., 69.
Belton, H. L., 6.
Bemis, E., 33.
Bemis, H. E., 23.
Benbrook, E. A., 23.
Bender, C. B., 43, 44.
Bender, R. C., 49.
Bender, W. H., 21.
Bendixen, H. A., 14.
Benedict, A. A., 23.
Benedict, M. R., 62.
Benner, T. E., 59.
Bennett, C. W., 32.
Bennett, D. H., 65.
Bennett. E., 25.
Bennett, E. R., 15.
Bennett, F. B., 58.
Bennett, F. W., 12.
Bennett, G. L., 15.
Bennett, H. J., 43.
Bennett. J. P., 7.
Bennett, R. V., 26.
Bennewies, E. R., 62.
Benson, H. B., 2.
Bentley, F. L., 58.
Bentley. G. M., 64.
Bentley J., jr., 47.
Bentley, M. R., 65.
Bentley, W. D., 55.
Benton, A. H., 51.
Benton, T. H., 21.
Beresford, H., 15.
Beresford, R., 20.
Berg, A., 71.
Berg, H. A., 17.
Berg, W. E., 6.
Berger, A., 49.
Bergh, O. I., 36.
Bergman, H. D., 23.
Bergman, H. F., 13.
Bergquist, S. G., 33.
Berly, J. A., 61.
Berry, J. A., 56.
Besley, F. W., 30.
Besse, R. S., 56.
Bessey, E. A., 32.
Bethke, R. M., 54.
Betten, C.. 46.
Beveridge, T. K., 14.
Bewick, T. L., 73.
Beyer, A. H., 11
Bias, J. H., 2.
Bieberdorf, G. A., 55.
Biebricker, A., 53.
Biekart, H. M., 45.
Bierman, H. R., 29.
Biester, A. M., 35.
Biester, C. E., 25.
Biester, H. E., 23.
Billinghurst, R. A., 42.
Billings, W. A., 36.
Bilsborrow, J. D., 16.
Bilsing, S. W., 65.
Binney, T. H., 18.
Binzel, C. E., 47.
Bioletti, F. T., 7.
Birch, H. A., 60.
Birge, E. A., 72.
Bishop, F. F., 65.
Bishop, H. A., 25.
Bishop, H. G., 44.
Bissell, G. W., II.
Bisson, C. S., 5.
Bitler, R. O., 18.
Bittenbender, H. A., 20.
Bixby, F. L., 42.
Bizzell, J. A., 46.
Bizzell, W. B., II, 64.
Bjorka, K., 21.
Black, A., 72.
Black, C. S., 37.
Black, J. D., 35.
Black, J. J., 44.
Black, L. M., 58.
Black, M. A., 62.
Black, W. D., 27.
Blacklock, R. W., 11.
Blackmon, G. H., 11.
Blackmore, B., 48.
Blackshear, L. E., 12.
Blackwell, C. P., 61.
Blain, W L , 1.
Blair, A. W., 44, 45.
Blair, E. C., 49.
Blair, G. B., 42.
Blair, J. C., 17.
Blair, L. A., 65.
Blair, L. W., 63.
Blake, I. H., 28.
Blake, M. A., 44, 45.
Blandford, J. B., 30.
Blasingame, R. U., 59.
Blauser, I. P., 17.
Blazier, F., 57.
Bledsoe, R. P., 13.
Bleecker, W. L., 4.
Blinn, A. M., 48.
Blinn, P. K., 8.
Blish, M. J., 41.
Bliss, H. B., 63.
Bliss, R. K., 20.
Blizzard, W. L., 55.
Blodgett, F. M., 48.
Bloodgood, D. W., 45.
Bloye, A. I., 19.
Blum, J. K., 65.
Blundell, A. E., 67.
Boatman, B., 21.
Boatman, J. L., 21.
Bode, I. T., 22.
Bodman, G. B., 36.
Boehr, J. W., 55.
Bogart, M. T., 59.
Boggs, L. C., 3.
Bohannan, C. D., 45.
Bohstedt, G., 54.
Bolender, E. O., 53.
Boles, A. P., 39.
Bollen, W. B., 15.
Bolley, H. L., 51.
Bomberger, F. B., 30.

Bonazzi, A., 54.
Bond, J. A., 27.
Bonde, R., 29.
Bonell, J. A., 62.
Bonnen, C. A., 17.
Bonnet, L., 7.
Bonslagel, C. J., 4.
Booker, G. L., 68.
Bookhardt, J. B., 49.
Boomer, G. R., 41.
Booth, J. F., 46.
Bopst, L. E., 29
Borland, A. A., 58.
Borman, E. K., 27.
Borreson, M., 41.
Borst, H. L., 53.
Borthwick, H. A., 5.
Boshart, E. W., 50.
Boss, A., 34.
Boss, W., 35.
Boston, D. E., 62.
Boswell, V. R., 30.
Botkin, C. W., 45.
Botsford, H. E., 48.
Botsford, R. C., 10.
Botteron, G. W., 62.
Bottomley, M. E., 22.
Boughton, I. B., 16.
Bouquet, A. G. B., 57.
Bourne, A. I., 31.
Bourne, B. A., 59.
Bourne, R. F., 8.
Bouyoucos, G. J., 33.
Bowden, R. B., 40.
Bowen, I. G., 43.
Bowers, B. B., 53.
Bowers, M. D., 30.
Bowles, P. S., 38.
Bowling, L. C., 28.
Bowman, A. E., 74.
Bowman, Mrs. C. B., 74.
Boyce, S. L., 45.
Boyd, A. E., 59.
Boyd, F. E., 1.
Boyd, T. D., 27.
Boyd, W. L., 36.
Boyle, J. E., 46.
Boynton, W. H., 7.
Boys, Mrs. J. A., 48.
Bracken, A. F., 67.
Bracken, E., 63.
Bracken, J. R., 59.
Brackett, E. E. 41.
Brackett, R. N., 61.
Bradbury, D., 73.
Bradfield, R., 39.
Bradford, F. C., 33.
Bradford, H. E., 41.
Bradford, W., 12.
Bradford, Z. B., 50.
Bradlee, T., 67.
Bradley, J. C., 47.
Bradley, O. E., 69.
Bradley, R. C., 48.
Bradley, W. G., 28.
Bradt, A. H., 41.
Braman, W. W., 59.
Branaman, G. A., 32.
Branch, F. H. 31.
Brandmeyer, J. D., 52.
Branegan, G. A., 40.
Branegan, H. T., 36.
Brandt, I. L., 22.
Brandt, Mrs. L. M., 22.
Brandt, P. M., 56.
Brann, J. W., 73.
Brannon, J. M., 16.
Branson, E. B., 39.
Brant, H. J., 72.
Braun, A. G., 73.
Brauner, V. J., 65.
Brautlecht, L. M., 10.
Bray, C. I., 8.
Bray, Mrs. J. L., 2.
Bray, R. H., 15.
Brayton, H. R., 65.
Breed, R. S., 49.
Brehm, C. E., 63.
Brekke, J. E., 33.
Brentzel, W. E., 51.
Bressler, R. G., 58.
Bressman, E. N., 57.
Brett, C. E., 60.
Brew, J. D., 46.
Brewbaker, H. E. 34.
Brewer, P. H., 18.
Brewer, S. L., 48.
Brewster, C. M., 69.
Brewster, J. F., 28.
Bridge, S. H., 39.
Bridgeford, R. O., 36.
Brient, A. S., 65.
Brierley, W. G., 36.
Briggs, D. R., 34.
Briggs, G., 55.
Briggs, G. M., 72, 73.
Briggs, I. A., 3.
Briggs, M. H., 39.
Brightman, M. H., 58.
Brimley, C. S., 50.
Brink, R. A., 73.
Briscoe, C. F., 37.
Briscoe, J. M., 29.
Britton, W. E., 10.
Broach, W. E., 12.
Broadbent, F. W., 14.
Brock, W. S., 17.
Brockman, H., 55.
Brodie, A., 14.
Brody, S., 38.
Broedel, H. R., 45.
Broemel, A., 22.
Brokaw, W. H., II, 41.
Brookins, F. A., 48.
Brooks, D. W., 12.
Brooks, E. C., 49.
Brooks, F. D., 18.
Brooks, F. G., 10.
Brooks, S. D., 38.
Broome, F. H., 64.
Brossard, E. B., 66.
Broughton, L. B., 29.
Brouse, E. M., 42.
Brown, B. A., 9.
Brown, B. F., 50.
Brown, C. L. (Nev.), 42.
Brown, C. L. (R. I.), 60.
Brown, Carlotta M., 35.
Brown, Clara M., 35.
Brown, C. O., 11.
Brown, F. E., 20.
Brown, F. J., 35.
Brown, F. L., 55.
Brown, G. A., 32.
Brown, G. G., 57.
Brown, H. D., 19.
Brown, H. L., 11.
Brown, H. M., 33.
Brown, J. B., 6.
Brown, J. G., 3.
Brown, L., 37.
Brown, L. A., 27.
Brown, Mrs. L. S., 22.
Brown, M. (N. H.), 43.
Brown, M. (Pa.), 59.
Brown, M. E., 8.
Brown, M-E., 41.
Brown, Mrs. M. M., 64.
Brown, M. W., 51.
Brown, P. E., 21.
Brown, P. T., 58.
Brown, S. L., 70.
Brown, S. M., 5.
Brown, W. J., 55.
Brown, W. S., 57.
Brownell, S. J., 58.
Brownfield, W. W., 53.
Browning, H. W., 60.
Broyles, W. A., 58.
Brubaker, H. W., 24.
Bruce, O. C., 30.
Brumley, O. V., 53.
Brundage, A. J., 9.
Bruner, E., 24.
Brunner, J. J., 20.
Brunson, A. M., 23.
Bryan, A. B., 61.
Bryan, K. V., 18.
Bryan, L. W., 14.
Bryan, O. C., 11.
Bryan, W. E., 3.
Bryant, T. R., 26.
Bryant, V. C., 6.
Bryden, C. T., 70.
Bryson, H. R., 24.
Buchanan, C., 2.
Buchanan, D. S., 64.
Buchanan, F. A., 68.
Buchanan, J. H., 20.
Buchanan, R. E., 20.
Buchanan, W. D., 69.
Buchanan, W. H., 62.
Buckley, D. S., 9.
Buckman, H. O., 46.
Buckner, G. D., 26.
Buechel, F. A., 65.
Buehrer, T. F., 3.
Buie, T. S., 61.
Bull, M. L., 35.
Bull, S., 16.
Bullard, J. F., 25.
Bullington, W. E., 64.
Bullis, D. E., 56.
Bullock, B. F., 51.
Bunnell, C. E., 2.
Burch, J. W., 38.
Burd, J. S., 5.
Burdette, R. C., 29.
Burdick, H., 60.
Burdick, R. T., 8.
Burford, L. B., 17.
Burg, A. G., 37.
Burge, C. A., 20.
Burger, O. F., 11.
Burgess, P. S., 3.
Burkart, F. L., 14.
Burke, A. D., 55.
Burke, E., 40.
Burke, V., 69.
Burkey, L. A., 69.
Burnham, S. H., 46.
Burkhart, W. C., 12.
Burkholder, C. L., 19.
Burkholder, P. R., 46.
Burkholder, W. H., 48.
Burleigh, T. D., 12.
Burleson, D. J., 4.
Burlison, W. L., 15.
Burnam, A., 26.
Burnett, E. A., 41, 42.
Burnett, J. E., 32.
Burnett, L. C., 21.
Burnett, W. L., 8.
Burnham, C. R., 73.
Burns, A. E., 57.
Burns, F. W., 1.
Burns, G. P., 67.
Burns, R. H., 74.
Burr, W. H., 24.
Burr, W. W., 41.
Burrage, C. H., 27.
Burrell, B. I., 36.
Burrell, R. C., 52.
Burrows, J. A., 20.
Burruss, J. A., 68.
Burson, S., 12.
Burt, F. A., 65.
Burt, H., 64.
Burt, J. H., 25.
Burton, S. S., 35.
Burwash, G., 67.
Burwash, M. G., 17.
Busby, A. T., 38.
Bushey, A. L., 62.
Bushnell, J. W., 54.
Bushnell, L. D., 24.
Bushnell, T. M., 18.
Busse, F. E., 22.
Bussell, F. P., 46.
Butcher, F. D., 23.
Butler, Mrs. I., 56.
Butler, J., 53.
Butler, L. W., 23.
Butler, O. R., 43.
Butterfield, H. M., 6.
Butterfield, K. L., 32.
Butters, M., 44.
Butterworth, J. E., 47.
Button, F. C., 43, 44.
Bux, J. H., 4.
Byer, E., 39.
Byrne, C. D., 63.

Cady, E. L., 21.
Cady, L. C., 15.
Cagle, L. R., 68.
Cahn, E., 51.
Cain, C. E., 37.
Caine, A. B., 20.
Caine, G. B., 66.
Caldwell, A. B., 62.
Caldwell, G. T., 3.
Calhoun, F. H. H., 61.
Call, I. J., 46.
Call, L. E., 23.
Callahan, E., 53.
Callaway, M., 12.
Calloway, C. J., 2.
Calvert, S., 38.
Cameron, S. H., 7.
Cammack, W. A., 2.
Camp, W. R., 6.
Campbell, E., 12.
Campbell, E. G., 18.
Campbell, E. T., 48.
Campbell, J., 30.
Campbell, J. P., II, 12.
Campbell, L. G., 45.
Campbell, Mrs. L. H., 33.
Campbell, M. H., 16.
Campbell, R., 29.
Campbell, T. M., 2.
Campbell, W. A., 64.
Campbell, W. W., 5.
Canan, R. D., 18.
Cance, A. E., 31.
Canon, H., 47.
Carbery, J. L., 61.
Card, C. G., 32.
Card, D. G., 26.
Card, L. E., 16.
Cardinell, H. A., 33.
Carman, G. G., 16.
Carmichael, B. E., 29.
Carnes, A., 1.
Carpenter, C. E., 8.
Carpenter, D. C., 49.
Carpenter, J. W., jr., 37.
Carpenter, O. L., 65.
Carpenter, R. W., 29.
Carr, R. G., 33.
Carr, R. H., 18.
Carrero, J. O., 60.
Carrick, C. W., 18.
Carrick, D. B., 48.
Carrick, L. L., 51.
Carrigan, J. E., 67.
Carrington, C. C., 66.
Carroll, G. W., 37.
Carroll, W. E., 16.
Carroll, W. R., 72.
Carter, C. E., 39.
Carter, D. G., 4.
Carter, E. G., 66.
Carter, G. G., 18.
Carter, L. M., 12.
Carter, W., 35.
Carter, W. T., 65.
Carver, F. E., 17.
Carver, G. W., 2.
Carver, J. S., 69.
Carver, W. A., 22.
Cary, C. A., 1, 2.
Cary, C. E., 36.
Case, H. C. M., 17.
Case, L. A., 57.
Case, L. I., 68.
Cashen, D. J., 24.
Caslick, E. A., 26.
Cassel, L. W., 69.
Casselberry, R. D., 59.
Cassidy, M. H., 31.
Castetter, E. F., 20.
Cathcart, C. S., 44.
Catlin, C. N., 3.
Cavanaugh, G. W., 46.
Cave, H. W., 24.
Cavert, W. L., 34.
Cessna, R. B., 22.
Chace, E. P., II, 59.
Challey, A. M., 51.
Chamberlain, F. W., 34.
Chamberlain, J. S., 31.
Chamberlain, R. W., 44.
Chamberlin, J. C., 6.
Chamberlin, W. J., 56.
Chambers, T. B., 1.
Chandler, W. H., 7.
Chandler, W. L., 34.
Chapman, C., 11.
Chapman, C. J., 73.
Chapman, C. W., 33.
Chapman, C. W. L., 29.
Chapman, I. N., 24.
Chapman, J. E., 51.
Chapman, N., 13.
Chapman, N. E., 36.
Chapman, O. W., 20.
Chapman, P. J., 47.
Chapman, P. W., 12.
Chapman, R. N., 35.
Chappell, V. D., 56.
Charles, F. G., 53.
Chenoweth, W. W., 31.
Chesnutt, S. L., 1.
Cheyney, E. G., 35.
Child, A. M., 35.
Childs, G. H., 35.
Childs, L., 57.
Childs, R. R., 12.
Chipman, M. E., 13.
Chittenden, A. K., 33.
Chittenden, D. W., 38.
Christ, J. H., 15.
Christensen, F. W., 51.
Christensen, J. J., 36.
Christensen, V. B., 66.
Christie, A. W., 7.
Christie, G. I., II, 18.
Chrysler, M. A., 44.
Chung, H. L., 14.
Chupp, C. D., 48.
Church, E., 52.
Churchill, F. G., 21.
Churchill, G. W., 49.
Churchill, O. O., 51.
Claassen, P. W., 47.
Clapp, S. C., 50.
Clark, A. J., 32.
Clark, A. W., 49.
Clark, B. B., 15.
Clark, C. E., 30.
Clark, C. M., 20.
Clark, C. W., 3.
Clark, E., 45.
Clark, F. M., 15.
Clark, I. F., 39.
Clark, J. H., 44, 45.
Clark, J. S., 28.
Clark, K. A., 29.
Clark, L., 14.
Clark, L. D., 6.
Clark, M. G., 38.
Clark, N. A., 20.
Clark, O., 2.
Clark, O. L., 31.
Clark, O. M., 55.
Clark, S. P., 3.
Clark, W. E., 42.
Clark, W. W., 73.
Clarke, F. R., 25.
Clarke, W. T., 6.
Clausen, R. E., 6.
Clayton, C. B., 66.
Clayton, E. E., 49.
Clayton, E. P., 37.
Clayton, Mrs. B., 65.
Clegg, W. A., 12.
Cleland, S. B., 35.
Clemans, L. I., 33.
Cleveland, C. R., 19.
Clevenger, C. B., 74.
Clevenger, W. L., 50.
Clickner, F. H., 44.
Cline, J. A., 39.
Clinton, G. P., 10.
Clutter, J. A., jr., 64.
Clyde, A. W., 21.
Clyde, G. D., 66.
Coates, C. E., 27.
Cobb, A. D., 10.
Cobb, E. M., 29.
Cobb, F. E., 47.
Cobb, J. S., 58.
Cobb, W. B., 49.
Cobleigh, W. M., 40.
Cochran, G. W., 55.
Cochran, R. L., 20.
Cochrane, D. C., 59.
Cochrane, T. J., 71.
Cocke, R. P., 68.
Cody, M. D., 11.
Coe, F. M., 42.
Coe, M. H., 24.
Coen, B. F., 8.
Coffey, J. S., 52.
Coffey, W. C., 34.
Coffin, R. G., 8.
Coffman, L. D., 34.
Coggin, W. B., 68.
Coggins, C. L., 60.
Colbert, F., 10.
Colburn, F. E., 25.
Colby, A. S., 17.
Cole, H. L., 69.
Cole, L. J., 73.
Cole, Mrs. M. G., 52.
Cole, W. R., 31.
Coleman, B., 62.
Coleman, D. H., 64.
Coleman, I., 11.
Coleman, J. M., 11.
Coleman, T. A., 19.
Coles, E. H., 25.
Coles, J. V., 39.
Collentine, A. O., 72.
Collings, G. H., 61.
Collins, E. V., 21.
Collins, F. H., 24.
Collins, J. L., 6.
Collins, W. O., 12.
Collison, R. C., 49.
Colman, H. N., 56.
Colt, F. M., 45.
Colver, C. W., 24.
Colwell, R. H., 71.
Combs, W. B., 35.
Comish, N. H., 56.
Compere, H., 6.
Compton, L. E., 18.
Conant, G. E., 4.
Conant, R., 14.
Condit, I. J., 7.
Cone, G., 33.
Conklin, C. T., 52.
Conn, H. J., 49.
Connaway, J. W., 39.
Connell, W. B., 58.
Conner, A. B., 64.
Conner, S. D., 18.
Conner, W. A., 55.
Connor, M., 19.
Connors, C. H., 45.
Conover, J. A., 29.
Conrad, C. M., 30.
Conrad, J. P., 5.
Conrey, G. W., 53, 54.
Converse, B., 23.
Conway, W. T., 45.
Cook, D. S., 47.
Cook, H. A., 14.
Cook, L. E., 50.
Cook, M. A., 40.
Cook, M. T., 60.
Cook, W. C., 40.
Cooke, C. E., 36.
Cooledge, L. H., 34.
Cooley, E. B., 57.
Cooley, E. C., 53.
Cooley, R. A., 40.
Cooley, R. B., 18.
Coon, B. I., 41.
Coon, R. M., 35.
Coons, G. H., 32.
Cooper, F. L., 8.
Cooper, H. P., 46.
Cooper, J. F., 11.
Cooper, J. R., 4.
Cooper, O. C., 55.
Cooper, T. P., II, 26.
Coover, W. F., 20.
Cope, J. A., 47.
Cope, R. P., 69.
Copeland, J. T., 37.
Copeland, L., 62.

Copley, T. L., 68.
Copson, G. V., 56.
Corbett, L. S., 28.
Corbett, R. A., 51.
Corbett, R. B., 46.
Corbin, F., 73.
Corbould, M. K., 54.
Cordley, A. B., 56.
Cork, F. O., 37.
Corkins, C. L., 74.
Cormany, C. E., 33.
Cornell, F. D., jr., 71.
Cornell, L. M., 53.
Cornman, C. T., 68.
Correll, E. R., 38.
Cory, E. N., 29.
Cory, V. L., 65.
Coryell, J., 47.
Cosby, H. E., 56.
Cosby, S. W., 5.
Cotner, F. B., 40.
Cotner, J. B., 49.
Cotter, R. U., 74.
Cotterman, H. F., 29.
Couey, W. G., 51.
Coulter, J. L., 51.
Coulter, S., 18.
Courtney, W. D., 57.
Covault, C. H., 23.
Coville, P., 22.
Covington, N. G., 2.
Cowan, D. R., 38.
Cowan, L., 39.
Cowan, R. M., 33.
Cowart, R., 37.
Cowell, A. W., 59.
Cowen, T. N., 2.
Cowgill, H. J., 56.
Cowles, H. T., 59.
Cowles, I. F., 25.
Cowles, M. L., 73.
Cowles, R. B., 47.
Cowsert, W. C., 37.
Cox, H. R., 44.
Cox, J. F., 33.
Crabb, G. A., 12.
Craft, W. A., 55.
Craig, R. A., 19.
Craig, W. T., 46.
Craighill, E. R., 73.
Crain, L. D., 7.
Cramer, A. J., 72.
Crammond, R. G., 15.
Crampton, G. C., 31.
Crandall, C. S., 17.
Crandall, F. K., 60.
Crandall, L. B., 9.
Crandall, W. G., 61
Crandall, W. T., 46.
Crane, A. B., 69.
Crane, A. G., II, 74.
Crane, D., 71.
Crane, F. H., 15.
Crane, G. B., 53.
Crane, H. L., 71.
Cranor, K. T., 22.
Cratty, R. I., 20.
Crawford, C. H., 54.
Crawford, C. V., 62.
Crawford, C. W., 16.
Crawford, D. L., 13.
Crawford, J. C., 50.
Crawford, R. F., 45.
Crawford, R. P., 42.
Crawford, W. R., 29.
Cray, R. E., 52.
Creech, B. F., 70.
Creel, C. W., 42.
Cresap, Mrs. I. K., 11.
Creswell, E. V., 12.
Creswell, M. E., 12.
Crews, A. P., 2.
Cribbs, W. C., 32.
Crickman, C. W., 21.
Crigler, N. B., 3.
Crim, R. F., 34.
Crisler, O. S., 39.
Crist, J. W., 33.
Critz, H., 37.
Crocheron, B. H., 5.
Crockett, W. H., 67.
Cromer, C. O., 58.
Cromer, S. S., 19.
Cron, A. B., 65.
Crooks, F. D., 4.
Crooks, N., 63.
Crosby, C. R., 47.
Crosby, D. J., 47.
Cross, F., 8.
Cross, F. B., 55.
Crossman, J. S., 53.
Crouch, W. E., 15.
Crowley, D. J., 70.
Croy, O. C., 53.
Crozier, W. J., 44.
Cruess, W. V., 7.
Crum, L. V., 23.
Crumley, J. J., 54.
Crutchfield, C. L., 14.
Cuff, E. L., 10.
Culbertson, C. C., 20.
Culbertson, J. L., 69.
Cullinan, F. P., 19.
Cummings, M. B., 67.
Cummins, A. B., 5.
Cundy, A. T., 74.
Cunningham, Mrs. A. P., 68.
Cunningham, C. C., 19.
Cunningham, G. V., 12.
Cunningham, J. C., 22.
Cunningham, O. C., 45.
Cunningham, W. S., 3.
Cureton, M. I., 1.
Curie, I. H., 54.
Curran, H. M., 50.
Curran, H. R., 46.
Currence, T. M., 71.
Currier, E. L., 40.
Currin, R. E., 61.
Currin, R. E., jr., 50.
Curry, A. S., 45.
Curtis, A. W., 71.
Curtis, H. E., 27.
Curtis, O. F., 46.
Curtis, P. B., 18.
Curtis, R. S., 50.
Curtis, R. W., 48.
Curtis, W. C., 39.
Curtiss, C. F., 20.
Cushman, C. G., 61.
Cushman, H. E., 40.
Cutler, J. S., 53.
Cutler, N. L., 47.
Cutright, C. R., 54.

Daane, A., 55.
Dadisman, A. J., 71.
Dadisman, S. H., 74.
Dahl, A. von B., 13.
Dahl, H. E., 59.
Dahlberg, A. C., 49.
Dahle, C. D., 58.
Dahnke, M., 63.
Dakan, E. L., 52.
Dakin, M. E., 9.
Dalbey, N. E., 24.
Dalrymple, G. B., 31.
Dalrymple, W. H., 28.
Dalton, L. A., 46.
Damel, J. W., 40.
Damon, S. C., 60.
Dana, B. F., 70.
Dancy, C. E., 66.
Danforth, R. E., 59.
Danheim, B. L., 25.
Daniels, H. E., 62.
Darlington, H. T., 32.
Darlow, A. E., 55.
Darnell, A. L., 64.
Darrow, W. H., 9.
Darst, W. H., 49.
Daugherty, M. M., 65.
Davidson, A. P., 24.
Davidson, F. A., 16.
Davidson, J. B., 21.
Davidson, S. F., 49.
Davis, A. R., 5.
Davis, C., 18.
Davis, C. C. (S. C.), 62.
Davis, C. C. (Tex.), 66.
Davis, C. D., 23.
Davis, D. E., 7.
Davis, E. C., 28.
Davis, E. E., 55.
Davis, E. G., 48.
Davis, F., 6.
Davis, G., 55.
Davis, G. E., 23.
Davis, H. L., 57.
Davis, H. P., 41.
Davis, I. G., 9.
Davis, I. P., 62.
Davis, J. E., 47.
Davis, J. J., 19.
Davis, J. W., 71.
Davis, L. E. (Mo.), 39.
Davis, L. E. (N. C.), 51.
Davis, L. V., 12.
Davis, Mrs. M. M., 68.
Davis, P. O., 2.
Davis, R., 74.
Davis, R. L., 60.
Davis, R. N., 3.
Davis, S. E., jr., 47.
Davis, W., 37.
Davis, W. A., 49.
Davis, W. E., 24.
Davis, W. H., 31.
Davis, W. J., 13.
Davison, E., 22.
Davison, J. E., 38.
Day, A. M., 74.
Day, E. J., 59.
Day, F. D., 29.
Day, J. W., 11.
Day, O., 48.
Day, R. T., 22.
Dayton, R. B., 49.
Dean, A. L. (Hawaii), 13.
Dean, A. L. (Va.), 68.
Dean, F. W., 54.
Dean, G. A., 24.
Dean, H. K., 57.
Dean, J. M., 37.
Dearing, C., 50.
Dearing, E. L., 23.
Dearstyne, R. S., 50.
Deatrick, E. P., 71.
Deats, M. E., 60.
DeBaun, R. W., 44, 45.
DeBord, G. G., 21.
DeBusk, E. F., 11.
DeCamp, J. C., 33.
Decker, J. L., 7.
Decker, M., 44.
Deering, A. L., 29.
DeGroft, G. M., 54.
DeLong, D. M., 53.
DeLong, G., 52.
del Valle, M. A., 59.
Delwiche, E. J., 72, 73.
Demeritt, D. B., 29.
Deming, G. W., 7.
Denison, F. C., 14.
Dennis, F. H., 46.
Dennis, W. V., 58.
Denny, J. A., 5.
Denson, W. P., 27.
Dent, D. S., 4.
Dent, J. G., 35.
de Ong, E. R., 6.
DePew, H. F., 43.
de Regt, A. C., 44.
Derieux, J. B., 50.
De Rose, H. R., 24.
Derrick, J. W., 13.
Derrick, W. W., 41.
Detjen, L. R., 10.
Detmers, F., 54.
DeTurk, E. E., 15.
DeVaughn, J., 11.
DeVault, S. H., 30.
Dewar, E. S., 50.
Dewey, G., 45.
Dexter, A. J., 62.
Dexter, J., 40.
Deyoe, M., 22.
DeYoung, W., 39.
de Zeeuw, R., 32.

Diaz, M. R., 59.
Dice, J. R., 51.
Dickens, A., 25.
Dickerson, H. G., 66.
Dickey, J. A., 68.
Dickey, J. B. R., 58.
Dickinson, L. S., 31.
Dickinson, S., 38.
Dickson, J. G., 73
Dickson, R. E., 65.
Didlake, M. LeG., 26.
Dietrich, K. S., 73.
Dietrick, L. B., 68.
Dietz, C. L., 39.
Diggs, C. H., 22.
Dike, C. E., 54.
Dikmans, G., 60.
Dillingham, F. T., 13.
Dillon, Mrs. N. B., 66.
Dimock, W. W., 26.
Dixon, A. A., 50.
Dixon, B., 8.
Doan, F. J., 29.
Dobbins, R. A., 52.
Dobbs, E. C., 2.
Dobbs, J. S., 25.
Doby, G., 32.
Dodd, D. R., 70.
Dodge, B. F., 73.
Dodge, R. E., 9.
Dodson, E. M., 7.
Dodson, R., 27.
Dodson, W. R., 27, 28.
Doermann, M. C., 44.
Dole, E. J., '67.
Dolve, M. A., 62.
Donald, J. S., 72.
Doner, H., 63.
Donham, C. R., 57.
Donma, K. W. G., 2.
Donnell, O. G., 51.
Donnelly, A. M., 53.
Doram, D., 2.
Doran, E. B., 27.
Doran, W. L., 31.
Dorchester, C. S., 21.
Dore, W. H., 5.
Dorner, H. B., 17.
Dorsey, E., 46.
Dorsey, H., 9.
Dorsey, L. M., 28.
Dorsey, M. J., 71.
Dosdall, L., 36.
Dossin, C. O., 9.
Doten, S. B., 42.
Dougherty, J. E., 5.
Doughty, S. R., 1.
Douglass, E., 8.
Dow, B. K., 9.
Dowdle, L. P., 12.
Dowdy, G., 53.
Dowell, A. A., 34.
Dowell, C. T., 55.
Dowell, S., II, 1.
Down, E. E., 33.
Downey, U. J., 52
Downing, P., 29
Downs, P. A., 41.
Dowrie, G. W., 35.
Doxsee, E. D., 3.
Doyle, L. P., 19.
Dozier, C. C., 66.
Dozier, H. L., 60.
Dozier, M. L., 59.
Drain, B. D., 31.
Drain, H. D., 52.
Drake, C. J., 23.
Dreesen, W. H., 56.
Drew, J. M., 35.
Driftmier, R. H., 24.
Driggers, B. F., 44.
Drinkard, A. W., jr., 68.
Drollinger, P. H., 19.
DuBois, R., 55.
Dudley, J. B., 51.
Duecker, W. W., 20.
Duffee, F. W., 72.
Duggar, J. F., 1.
Dukes, H. H., 23.
Duley, F. L., 39.
Dumas, I. L., 64.
Dummeier, E. F., 69.
Dumont, W. H., 45.
Dunbar, B. A., 62.
Duncan, H. R., 63.
Duncan, J. R., 33.
Duncan, L. N., 1.
Duncombe, E., 18.
Dunford, C. S. 32.
Dunham, D. H., 18.
Dunham, R. S., 36.
Dunkle, P. B., 65.
Dunlap, T. E., 59.
Dunn, L. C., 9.
Dunn, P. L., 47.
Dunnam, E. W., 61.
Dunning, F., 36.
Dunshee, C. F., 6.
Dunshee, M., 39.
Durant, A. J., 39.
DuRant, A. L., 61.
Durham, H., 25.
Durland, W. D., 59.
Durrell, L. W., 8.
Duruz, W. P., 7.
Durward, M. E., 8.
DuSault, D. D., 15.
Dusham, E. H., 59.
Dutcher, R. A., 58.
Duthie, M. E., 47.
Dutton, W. C., 33.
Dvorachek, H. E., 4.
Dworak, M., 51.
Dyas, E. S., 21.
Dye, M., 33.
Dyer, W. P., 35.
Dynes, O. W., 63.
Dykstra, R. R., 25.

Eaklns, H. J., 19.
Eames, A. J., 46.
Easley, M., 41.
Easson, R. B., 5.
Easter, E. C., 1.
Eastman, M. G., 43.
Eastwood, G. R., 53.
Eaton, F. M., 36.
Eaton, F. S., 46.
Eaton, T. H., 47.
Eaton, W. H., 1.
Ebersole, A., 63.
Ebling, W. H., 73.
Eckert, J. E., 50.
Eckles, C. H., 35.
Eddy, C. O., 61.
Eddy, G. C., 8.
Eddy, H. G., 6.
Eddy, J., 1.
Edgerton, C. W., 27.
Edgington, B. H., 54.
Edlefsen, N. E., 67.
Edmond, J. B., 33.
Edmonds, J. L., 16.
Edmondson, C. H., 13.
Edwards, A. D., 2.
Edwards, A. L., 60.
Edwards, B., 65.
Edwards, C. W., 13.
Edwards, F. M., 57.
Edwards, F. R., 13.
Edwards, H., 60.
Edwards, L. F., 53.
Edwards, L. S., 63.
Edwards, W. E. J., 32.
Edwards, W. G., 59.
Edwards, W. S., 69.
Efferson, H. M., 11.
Eheart, J. F., 68.
Eichelberger, C., 22.
Eilert, M. A., 22.
Einset, O., 49.
Elder, C., 74.
Elder, M., 22.
Eldredge, B. R., 66.
Eldridge, J. C., 21.
Elevehjem, C. A., 72.
Ellenberger, H. B., 67.
Ellenwood, C. W., 54.
Ellett, W. B., 68.
Elling, C. G., 24.
Ellington, E. V., 69.
Elliott, E. C., II, 18.
Elliott, F. F., 17.
Elliott, Mrs. J., 64.
Elliott, J. W., 59.
Elliott, M. A., 70.
Elliott, N. R., 26.
Elliott, W. D., 21.
Ellis, B. W., 9.
Ellis, O. I., 15.
Ellison, M., 60.
Ellsworth, J. O., 46.
Ellsworth, V. T., 66.
Elmer, O. H., 20.
Elser, W. L., 45.
Elwood, C. F., 6.
Elwood, P. H., jr., 22.
Ely, F., 20.
Emberson, R. H., 38.
Embleton, H., 3.
Embody, G. C., 47.
Emerson, D., 30.
Emerson, P., 21.
Emerson, R. A., 46.
Emery, H. M., 43.
Emmerick, L. P., 68.
Ende, C. L. von, 15.
Enders, H. E., 18.
Endres, A. A., 15.
Engbretson, A. E., '57.
English, L., 46.
Englund, E., 24.
Enright, E. M., 26.
Epple, W. F., 19.
Eppley, G. F., 29.
Erb, E. S., 58.
Erdman, H. E., 6.
Erdman, L. W., 21.
Erf, O., 52.
Erickson, E. T., 21.
Erickson, T. A., 35.
Eriksen, S., 39.
Erwin, A. T., 22.
Essary, S. H., 63.
Essig, E. O., 6.
Esten, W. M., 9.
Estill, H. W., 3.
Estill, M. H., 3.
Eswine, H. E., '53.
Etheridge, W. C., '39.
Eubank, M. E., 71.
Evans, A. T., '62.
Evans, B. V., 37.
Evans, E. B., 66.
Evans, M., '24.
Evans, R. W., '53.
Evans, S. C., 65.
Evans, S. W., 61.
Everett, G. A., 47.
Everhardy, L. H., '25.
Evvard, J. M., 20.
Ewell, E., 33.
Ewing, D. T., '32.
Eyring, H., 3.
Eyster, W. H., 28.
Ezekiel, W. N., 30.

Fabian, F. W., 34.
Fagan, F. N., 59.
Fager, G. E., 17.
Fain, J. R., 12.
Fairbank, J. P., 6.
Fairbanks, A. B., 67.
Fairbanks, B. W., S.
Fairbanks, F. L., 47.
Fairchild, L. H., 19.
Falconer, J. I., 52.
Fallgatter, F., 40.
Faneuf, L. J., 44.
Fant, G. W., 50.
Fargo, J. M., 72.
Farley, A. J., 44, 45.
Farley, D. C., 62.
Farley, G. L., 31.
Farmer, J. M., 39.
Farnham, F. R., 50.
Farquharson, J., '8.
Farr, J. L., 27.
Farrall, A. W., '5.
Farrand, L., 46.
Farrell, F. D., II, '23.

Farrell, H., 66.
Farrington, E. H., 72.
Fasten, N., 57.
Fatout, P. L., 58.
Faulkner, J. G., 63.
Faures, Mrs. M., 28.
Faurot, F. W., 39.
Faust, F., 22.
Faust, H., 7.
Fawcett, C. J., 30.
Fawcett, H. S., 7.
Fay, A. C., 24.
Fecht, E. F., 25.
Fedde, M. S., 41.
Feeley, R. O., 61.
Feighner, L. W., 33.
Feldman, E. B., 66.
Feldman, W. H., 8.
Felker, C. A., 65.
Feltner, J. M., 26.
Felton, F. E., 32.
Felton, R. A., 47.
Felts, R. H., 8.
Fenger, J. A., 37.
Fennell, R. E., 54.
Fenner, L. M., 61.
Fenton, F., 48.
Fenton, F. A., 61.
Fenton, F. C., 21.
Fergus, E. N., 26.
Ferguson, C. M., 32.
Ferguson, F. E., 23.
Ferguson, H. C., 37.
Ferguson, J. A., 59.
Ferguson, I. W., 8.
Fernald, H. T., 31.
Fernandes, G., 55.
Fernow, K. H., 48.
Ferrin, E. F., 34.
Ferris, E. B., 37.
Ferriss, E. N., 47.
Ferry, E. S., 19.
Fetrow, W. W., 55.
Field, A. M., 35.
Filley, H. C., 41.
Filley, W. O., 10.
Findley, L. J., 53.
Finlayson, H. C., 52.
Finley, C. B., 20.
Finley, L. M., 25.
Finn, W. G., 26.
Finnell, H. H., 55.
Firkins, B. J., 21.
Firor, G. H., 12.
Fischer, A. J., 45.
Fish, E. E., 26.
Fish, N. S., 72.
Fisher, H. J., (Conn), 9, 10.
Fisher, H. J. (Minn.), 36.
Fisher, M. C., 22.
Fisher, M. J., 48.
Fisher, M. L., 18.
Fisher, R. C., 9.
Fisher, W. I., 46.
Fisk, V. C., 20.
Fisk, W. W., 46.
Fiske, F. C., 67.
Fiske, J. G., 44, 45.
Fitch, C. L., 22.
Fitch, C. P., 36.
Fitch, F. W., 12.
Fitch, J. B., 24.
Fitch, L. E., 12.
Fitch, N. K., 17.
Fitch, W. Q., 19.
Fite, A. B., 45.
Fitschen, F., 27.
Fitterer, J. C., 74.
Fitting, H. W., 18.
Fitts, E. B., 58.
Fitzgerald, M., 55.
Fitzgerald, N., 26.
Fitzgerald, N. E., 63.
Fitzpatrick, H. M., 48.
Fix, A. A., 59.
Flack, M. L., 41.
Flanery, C. C., 63.
Flaningham, N. K., 19.
Flansburgh, E. A., 47.
Flaten, A., 52.
Fleenor, B. H., 24.
Fleming, C. E., 42.
Fleming, J. R., 53.
Fletcher, F. S., 68.
Fletcher, L. J., 6.
Fletcher, R. K., 65.
Fletcher, S. W., 59.
Flint, C. L., 7.
Flora, E., 57.
Flowers, L. I., 69.
Floyd, A., 2.
Floyd, E. M., 3.
Floyd, W. L., 11.
Fluharty, L. W., 6.
Fluke, C. L., jr., 72.
Flynn, J. E., 48.
Fogg, H. C., 43.
Fogle, F. E., 32.
Foker, A. M., 36.
Folger, A. W., 5.
Folk, J. B., 18.
Folsom, D., 29.
Foord, J. A., 31.
Foote, C., 25.
Forbes, A., 14.
Forbes, D., 14.
Forbes, D. A., 64.
Forbes, E. B., 59.
Forbes, W. T. M., 47.
Ford, A. L., 63.
Ford, C. M., 17.
Ford, G., 40.
Ford, M., 71.
Ford, O. W., 18.
Foresman, G. K., 18.
Forman, L. W., 21.
Forrest, E., 40.
Forster, G. W., 50.
Fortier, S., 6.
Foster, J. D., 26.
Foster, Mrs. L. M., 42.
Foster, M. T., 38.
Foster, R. G., 42.
Foster, W. A., 17.
Foulkrod, G. M., 59.
Fourt, D. L., 14.
Foust, H. L., 52.
Fowlds, M., 62.
Fox, C. E., 59.
Fox, F. E., 56.
Fox, H., 67.
Fox, H. D., 41.
Frame, B. H., 38.
Frame, H. C., 21.
Frame, N. T., 70, 71.
Francioni, J. B., 27.
Francis, M., 65.
Frandsen, P., 42.
Frank, A., 70.
Franklin, H. J., 32.
Franklin, R., 28.
Franzke, C., 62.
Fraps, G. S., 64.
Fraser, A. C., 46.
Fraser, A. G., 69.
Fraser, W. J., 16.
Frazier, Mrs. D. M., 55.
Frazier, J. S., 13.
Frear, D. W., 39.
Fred, E. B., 72.
Frederick, H. J., 67.
Freeborn, S. B., 6.
Freeman, B., 61.
Freeman, B. W., 37.
Freeman, E. M., II, 34.
Freeman, J. F., 26.
Freeman, V. A., 32.
French, A. P., 31.
French, Mrs. M. H., 44.
French, P., 31.
French, R. B., 59.
Friant, R. J., 22.
Frick, E. J., 25.
Friend, R. B., 10.
Friend, W. H., 65.
Frier, G. M., 19.
Fries, J. A., 59.
Frisbie, L. I., 41
Fristoe, H. W., 28.
Fritchoff, A. C., 41
Fritz, E., 6.
Frodsham, J., 39.
Fromme, F. D., 68.
Frost, H. B., 7.
Frost, P. A., 59.
Frost, S. W., 59.
Frost, W. D., 72.
Frost, W. S., 43.
Fudge, B. R., 45.
Fuhr, A. H., 56.
Fujimoto, G., 13.
Fuller, E. A., 67.
Fuller, F. D., 65.
Fuller, G. N., 12.
Fuller, J. G., 72.
Fuller, J. M., 43.
Fuller, O. M., 51.
Fulmer, E. I., 20.
Fulton, B. B., 23.
Funchess, M. J., 1.
Futrall, J. C., 4.

Gabbard, L. P., 65.
Gabriel, H. S., 46.
Gabrielson, M. L., 22.
Gaddis, L. R., 19.
Gaessler, W. G., 20.
Gage, G. E., 31.
Gail, F. W., 14.
Gain, M. J., 56.
Gaines, E. F., 70.
Gaines, J. G., 44.
Gaines, N. W., 41.
Gaines, W. L., 16.
Gainey, P. L., 24.
Gallagher, H. J., 32.
Galloway, J. C., 21.
Galloway, M., 4.
Galloway, Z. L., 26.
Gallup, G., 70.
Gallup, W. D., 55.
Gamble, J. A., 29.
Gamble, M. E., 19.
Gandy, J. M., 69.
Gannett, R. W., 33.
Gannon, A. F., 12.
Gannon, E. A., 19.
Garber, R. J., 70.
Garcia, F., 45.
Garcia, R. F., 60.
Gard, N. A., 26.
Gardiner, M. T., 62.
Gardner, A. K., 28.
Gardner, F. D., 58.
Gardner, G. G., 51.
Gardner, G. R., 69
Gardner, H. A., 1.
Gardner, J. S., 27.
Gardner, L. P., 28.
Gardner, M. E., 61.
Gardner, M. N., 48.
Gardner, M. W., 18.
Gardner, V. R., 33.
Gardner, W., 67.
Gardner, W. A., 1.
Garey, L. F., 34.
Garlock, F. L., 21.
Garlock, H. M., 38.
Garman, H., 26.
Garman, P., 10.
Garnett, W. E., 65.
Garren, G. M., 49.
Garrett, V. L., 70.
Garrigus, H. L., 9.
Garrison, E. P., 33.
Garside, M. S., 26.
Garst, H. O., 45.
Garvey, M. E. M., 31.
Garvin, A. L., 53.
Gaskill, E. F., 32.
Gasser, G. W., 3.
Gaston, T. L., jr., 65.
Gatchell, D. K., 1.
Gates, C. E., 16.
Gates, F. C., 24.
Gates, T. B., 44.
Gates, W. H., 28.
Gault, L. V., 27.

Gaumnitz, E. W., 35.
Gay, C. W., 52.
Gay, M. C., 12.
Gaylord, F. C., 19.
Gearheart, C. R., 58.
Geddes, C. C., 35.
Gee, E. A., 32.
Geib, H. V., 64.
Geib, W. J., 73.
Geiger, B. J., 8.
Geise, F. W., 30.
Gelbach, R. W., 69.
Gemmell, G. A., 24.
Gentner, L. G., 33.
Gentry. C. B., 9.
Genung, A. B., 46.
George, G. D., 36.
George, L. R., 19.
Georgeson, C. C., 3.
Gerhardt, F., 20.
Gericke, W. F., 5.
Gerlaugh, P., 52.
Gershoy, A., 67.
Getman, G. S., 33.
Gettemy, W. S., 33.
Getty, R. E., 25.
Gibbons, G. C., 55.
Gibbons, S. H., 1.
Gibbs, W M., 14.
Gibson, A. W., 46.
Gibson, E., 22.
Gibson, H. H., 56.
Gibson, I. G., 38.
Giddings, M. L., 19.
Giddings, N. J., 71.
Giese, H., 21.
Gieseker, L. F., 40.
Giesen, Mrs. M. B., 37.
Gifford, W., 71.
Gilbert, A. H., 67.
Gilbert, E. M., 73.
Gilbert, Mrs. S., 64.
Gilbertson, G., 63.
Gilchrist, D. A., 3.
Gildow, E. M., 73.
Giles, J. K., 12.
Gilkey, H. M., 56.
Gillette, C. P., 7.
Gilligan, G. M., 31.
Gillis, M. C., 17.
Gillison, B., 61.
Gilman, H., 20.
Gilman, J. C., 20.
Gilman, V. D., 40.
Gilmer, P. M., 45.
Gilmor, G., 54.
Gilmore, J. W., 5.
Gilmore, W. J., 56.
Giltner, W., 34.
Ginsburg, J. M , 44.
Girrbach, G., 32.
Gist, F. W., 1.
Gladwin, F. E., 49.
Glanton, L. P., 25.
Glasgow, H., 49.
Glass, J. S., 41.
Glatfelter, G. V., 30.
Gleason, E. G., 48.
Gleason, F., 11.
Glenn, M. A., 2.
Glick, H. N., 31.
Glines, N. W., 53.
Glover, A. C., 15.
Glover, G. H., 8.
Gloyer, W. O., 49.
Gobble, C. F., 18.
Godbey, E. G., 61.
Goddard, H. M., 71.
Godfrey, R., 39.
Godkin, J., 68.
Goeder, F. P., 8.
Goff, R. A., 14.
Goldin, R., 46.
Goldstein, H. I., 36.
Goldstein, V., 36.
Goldthwaite, N. E., 8.
Gooch, M. E.. 28.
Good, E. S., 26.
Good, H. G., 2.
Goodale, B. E , 61.
Goodale, C. D., 18.
Goodding, T. H., 41.
Goodearl, G. P., 40.
Goodell, C. J., 37.
Goodling, C. L., 59.
Goodman, A. M., 47.
Goodwin, G. W., 2.
Gordon, A. H., 62.
Gordon, C. E., 32.
Gordon, C. H., 63.
Gordon, G. E., 5.
Gordon, N. E., 29.
Gordon, W. R., 58.
Gorman, N. D., 52.
Gortner, R. A., 34.
Goss, E. F., 21.
Goss, H., 7.
Goss, L. W., 53.
Goss, R. B., 19.
Goss, R. W., 41.
Goss, W. G., 19.
Gossard, H. A., 54.
Gott, E. J., 27.
Gottschalck, C. A., 51.
Gottschalk, C. O., 62.
Gourley, J. H., 54.
Gowen, J. W., 28.
Graber, L. F., 72.
Graham, H. A., 55.
Graham, J. C., 30.
Graham, K. H., 11.
Graham, R. E., 59.
Graham, S. A., 35.
Graham, V., 65.
Graham, W. A., 50.
Graham, W. F., 19.
Gramlich, H. J., 41.
Grams, W. T., 46.
Granovsky, A. A., 72.
Grant, Mrs. A. L., 46.
Grant, E. A., 2.
Grant, G. A., 59.
Grantham, G. M., 33.
Gratz, L. O., 11.
Graul, E. J., 73.
Gravitt, W. T., 2.
Gray, D., 50.
Gray, D. M., 58.
Gray, D. S., 21.
Gray, D. T., II, 4.
Gray, E. R., 17.
Gray, F. G., 3.
Gray, G. F., 10.
Gray, J., 11.
Gray, J. M., 50.
Gray, T. D., 71.
Greaves, J. E., 66.
Green, B. O., 69.
Green, E. L., 69.
Green, F. M., 8.
Green, F. V., 2.
Green, R. M., 24.
Green, S. W., 37.
Green, T. C., 54.
Green, W. J., 54.
Green, W. W., 68.
Greenbank, W. K., 54.
Greene, J. G., 41.
Greene, L., 19.
Greene, M., 14.
Greene, P. S., 29.
Greene, S. S., 37.
Greenlees, A. L., 44.
Gregg, J. W., 7.
Gregory, C. T., 18.
Gregory, H. W., 18.
Gregory, R. W., 19.
Griebel, Mrs. C. H., 44.
Griffee, F., 34.
Griffin, F. L., 6.
Griffith, J. P., 60.
Grimes, J. C., 1.
Grimes, M. F., 58.
Grimes, W. E., 24.
Grindley, H. S., 16.
Griswold, D. J., jr., 51.
Griswold, G. H., 47.
Groendyke, F., 44.
Gromer, S. D., 38.
Gromme, H., 53.
Groseclose, H. C., 68.
Gross, D. L , 41.
Gross, E. R., 44.
Gross, I. H., 33.
Gross, L. G., 48.
Gross, L. R., 31.
Grossley, H. B., 10.
Grossley, R. S., 10.
Grossman, J. D., 53.
Groth, A. H., 64.
Grout, G. P., 64.
Grover, E. L., 32.
Guard, W. F., 23.
Guba, E. F., 48.
Guerrant, N. B., 38.
Guerrero, F. B. L., 13.
Guerrero, J., 13.
Guilbert, H. R., 5.
Guise, C. H., 47.
Gulledge, J. R., 50.
Gullickson, T. W., 35.
Gumbart, E. H., 9.
Gumble, K. R., 10.
Gunderson, L. E., 42.
Gunness, C. I., 31.
Gunns, C. A., 25.
Gunson, T., 33.
Gurst, L. J., 28.
Gustafson, A. F., 46.
Guthrie, D. V., 28.
Guthrie, E. S., 46.
Guthrie, J. E., 23.
Guthrie, M. L., 63.
Guyton, F. E., 2.

Haag, J. R., 34.
Haas, A. J., 72, 73.
Haas, A. R. C., 5.
Haber, E. S., 22.
Haber, V. R., 59.
Hackedorn, H., 69.
Hackleman, J. C., 15.
Haddon, C. B., 27.
Hadley, E. E., 55.
Hadley, F. B., 73.
Hadwen, S., 57.
Haedecke, A., 34.
Haenseler, C. M., 45.
Hafner, V. E., 65.
Hague, F. S., 57.
Haig, F. M., 50.
Haigh, L. D., 38.
Hale, Mrs. H. E., 64.
Hale, W. J., 64.
Hale, W. M., 73.
Haley, D. E., 58.
Hall, A. R., 38.
Hall, C., 64.
Hall, D. H., jr., 61.
Hall, E. E., 61.
Hall, E. W., 62.
Hall, F. A., 44, 45.
Hall, F. H., 49.
Hall, G. O., 48.
Hall, H. E., 13.
Hall, H. F., 16.
Hall, H. G., 19.
Hall, H. W., 28.
Hall, I. C., 46.
Hall, I. F., 46.
Hall, M. L., 19.
Hall, N., 39.
Hall, O. F., 19.
Hall, R. A., 65.
Hall, S. W., 17.
Hall, W. F., 58.
Haller, F. W., 59.
Halligan, C. P., 33.
Hallman, E. T., 34.
Hallsted, A. L., 25.
Halm, H. H., 41.
Halma, F. F., 5.
Halpin, J. G., 72.
Halversen, W. V., 56
Halverson, J. O., 50.
Ham, O., 57.
Hamblin, A. P., 71.
Hamer, I. S., 27.
Hamiel, G. R., 45.
Hamilton, C. C., 29.
Hamilton, D. W., 69.

Hamilton, H. G., 11.
Hamilton, J. G., 3.
Hamilton, J. M., 40.
Hamilton, J. O., 25.
Hamilton, R. W., 61.
Hamilton, T. S., 16.
Hamlin, A., 31.
Hamlin, H. M., 21.
Hammans, C. W., 52.
Hammer, B. W., 20.
Hammer, J. G., 20.
Hammond, L. K., 42.
Hammond, R. E., 32.
Hammond, W. E., 20.
Hand, W. F., 37.
Hanger, W. E., 53.
Hanna, L. C., 2.
Hannah, J. A., 32.
Hannas, R. R., 44.
Hansen, A. A., 18.
Hansen, D., 40.
Hansen, E., 67.
Hansen, J. M., 22.
Hansen, N. E., 63.
Hansen, T. S., 36.
Hanson, E. A., 35.
Hanson, F. P., 17.
Hansson, F., 14.
Haralson, F. E., 36.
Hardenburg, E. V., 48.
Hardie, W., 1.
Hardies, E. W., 62.
Hardman, G., 42.
Hare, C. L., 1.
Harford, R. M., 34.
Haring, C. M., 7.
Harlan, J. D., 49.
Harlan, M. L., 19.
Harland, M. B., 15.
Harling, Mrs. E. P., 23.
Harman, J. H., 33.
Harman, K. G., 39.
Harman, M. T., 25.
Harman, S. W., 49.
Harmer, P. M., 33.
Harmison, H. A., 21.
Harmon, E. M., 38.
Harms, A. H., 26.
Harnden, E. E., 55.
Harned, H. H., 37.
Harned, R. W., 37.
Harper, C., 18.
Harper, C. H., 64.
Harper, E. H., 64.
Harper, F., 48.
Harper, H. J., 21.
Harper, L. J., 27.
Harper, M. W., 46.
Harper, W. L., 21.
Harrah, E. C., 74.
Harrar, N. J., 8.
Harriman, P. A., 28.
Harrington, F. M., 40.
Harrington, M. T., 65.
Harriott, J. F., 46.
Harris, A. E., 1.
Harris, C. E., 26.
Harris, H. C., 46.
Harris, J. A., 50.
Harris, M. H., 66.
Harris, R. T., 72.
Harris, V., 25.
Harris, W. J., 26.
Harrison, A. K., 31.
Harrison, B. M., 23.
Harrison, F., 70.
Harrison, T. B., 63.
Harriss, S. M., 24.
Harshaw, H. M., 38.
Hart, E. B., 72.
Hart, G. H., 7.
Hart, H., 36.
Hart, J. C., 13.
Hart, V. B., 46.
Harter, W. L., 21.
Hartley, C. H., 71.
Hartman, G., 74.
Hartman, H. (Oreg.), 57.
Hartman, H. (Wis.), 73.
Hartman, L. W., 42.
Hartman, S. C., 54.
Hartsuch, B. E., 32.
Hartwell, B. L., II, 60.
Hartzell, F. Z., 49.
Harvey, A. L., 34.
Harvey, E. M., 57.
Harvey, H. W., 12.
Harvey, R. B., 36.
Harvey, S. H., 29.
Harwood, N. D., 25.
Haseman, L., 38.
Haskell, S. B., II, 30.
Haskins, H. D., 31.
Haslerud, E. J., 40.
Hasselman, J. B., 33.
Hassenzahl, E. O., 18.
Hastings, E. G., 72.
Haston, C. D., 55.
Haswell, J. R., 59.
Hatch, K. L., 73.
Hatchette, M. L., 69.
Hathaway, C. L., 26.
Hauge, S. M., 18.
Hauser, M. A., 21.
Hausman, L. A., 44.
Hauter, L. H., 45.
Havner, H. H., 58.
Hawker, H. W., 65.
Hawkins, B. M., 40.
Hawkins, R. S., 3.
Hawley, I. M., 67.
Hawley, R. D., 31.
Hawthorn, H. B., 21.
Hawthorn, L. R., 46.
Hay, W. D., 40.
Hayden, A., 20.
Hayden, C. C., 54.
Hayes, A. W., 21.
Hayes, F. M., 7.
Hayes, H. K., 34.
Hayes, J. B., 72.
Hayes, R. W., 8.
Hayes, W. W., 2.
Haylett, D. G., 46.
Haymaker, H. H., 24.
Haynes, C. D., 62.
Haynes, E., 72.
Hays, F. A., 30.
Hays, J. G., 32.
Hays, W. P., 38.
Hays, W. V., 50.
Haywood, W. G., 50.
Hazeltine, D. M., 25.
Hazen, L. E., 55.
Hazen, W., 60.
Hazzard, A. S., 48.
Headden, W. P., 8.
Headlee, T. J., 44.
Heald, F. D., 70.
Healy, D. J., 26.
Hean, C. S., 73.
Hearne, C. C., 38.
Heaton, V. E., 23.
Heck, A. F., 70.
Heck, C. M., 50.
Heckert, L. C., 20.
Hedges, C. C., 64.
Hedges, H., 24.
Hedrick, U. P., 49.
Hedrick, W. O., 32.
Heebink, G., 62.
Hegnauer, L., 70.
Heifner, L. E., 20.
Heim, R. W., 10.
Hein, M. A., 15.
Heiner, A., 22.
Heinicke, A. J., 48.
Heinrici, G., 39.
Heitshu, D. C., 68.
Helder, A. H., 25.
Heller, V. G., 55.
Helm, C. A., 39.
Helme, N., 60.
Helmick, B. C., 28.
Helmreich, F. H., 62.
Helser, M. D., 20.
Helyar, F. G., 43, 44.
Hemenway, A. F., 3.
Hemenway, C. F., 13.
Hemmer, C. W., 19.
Hendershott, R. A., 53.
Henderson, A. M., 22.
Henderson, E. W., 38.
Henderson, H. O., 71.
Henderson R., 73.
Hendricksen, Mrs. G. I., 9.
Hendrickson, A. H., 7.
Henderickson, C. I., 9.
Hendrix, W. R., 27.
Hendry, G. W., 5.
Henke, L. A., 13.
Henning, J. C., 49.
Henning, L. J., 46.
Henning, W. L., 58.
Henricksen, H. C., 60.
Henry, A. W., 36.
Henry, M. F., 48.
Hensel, F. W., 65.
Hensley, H. C., 38.
Henson, E. R., 21.
Hepburn, W. M., 19.
Hepler, J. R., 43.
Hepner, F. E., 74.
Heppner, M. J., 7.
Hepworth, M. M., 15.
Herbert, P. A., 33.
Herms, W. B., 6.
Herr, W. N., 18.
Herrick, G. W., 47.
Herring, G. C., 68.
Herrington, G. L., 63.
Hertz, H. F., 21.
Hervey, G. W., 43, 44.
Herzer, F. H., 37.
Hesler, L. R., 63.
Hess, B. W., 63.
Hetzel, R. D., II, 43.
Heukelekian, H., 45.
Heuser, G. F., 48.
Hewitt, E. A., 36.
Heyle, E. M., 39.
Hibbard, B. H., 72.
Hibbard, P. L., 5.
Hibbard, R. P., 32.
Hickman, C. W., 14.
Hicock, H. W., 10.
Hienton, T. E., 19.
Hieronymus, R. E., 17.
Higgins, B. B., 13.
Higgins, D. E., 43.
Higgins, L. A., 37.
Higgins, M. V., 74.
Hill, C. E., 70.
Hill, C. O., 63.
Hill, E. B., 34.
Hill, G. R., jr., 66.
Hill. H. H., 68.
Hill, H. S., 29.
Hill, I. G., 2.
Hill, J. A., 74.
Hill, J. B., 58.
Hill, R. L., 66.
Hillman, V. R., 24.
Hills, J. L., II, 67.
Hillstrom, E. G., 73.
Hilyer, V., 11.
Hinds, N. E., A. 5.
Hinds, W. E., 28.
Hine, J. S., 54.
Hinkle, C. P., 52.
Hinman, R. B., 46.
Hinn, A., 25.
Hinote, J., 38.
Hinshaw, W. R., 24.
Hinton, T. G., 63.
Hinze, F. C., 21.
Hirst, C. T., 66.
Hitch, R. E., 63.
Hitchcock, E. A., II.
Hitchner, E. R., 28.
Hite, B. C., 56.
Hitt, J. W., 39.
Hixon, R. M., 20.
Hoagland, D. R., 5.
Hobart, I. M., 36.
Hobbs, C. W., 25.
Hobbs, E., 65.
Hobbs, W. R., 53.
Hodges, J. A., 24.

Hodgkins, Mrs. W. H., 64.
Hodgkiss, H. E., 59.
Hodgson, M., 57.
Hodgson, R. E., 36.
Hodgson, R. W., 7.
Hodsden, B. M., 68.
Hodson, E. A., 4.
Hoerner, J. L., 8.
Hoesly, O. M., 74.
Hoffarth, J., 33.
Hoffer, G. N., 18.
Hoffman, A. H., 6.
Hoffman, G., 40.
Hoffman, I. C., 19.
Hoffman, J., 63.
Hoffman, L. A., 55.
Hoffman, L. E., 19.
Hoffman, W. F., 34.
Hoffman, Z. B., 19.
Hoffman, G. P., 61.
Hogan, A. G., 38.
Hogenson, J. C., 66.
Hoke, S., 23.
Holben, F. J., 58.
Holbert, J. C., 20.
Holdaway, C. W., 68.
Holden, E. D., 72.
Holden, J. A., 42.
Holland, C. S., 53.
Holland, E. B., 31.
Holland, E. O., 69.
Hollen, E. E., 48.
Hollister, S. P., 9.
Holloway, K. L., 4.
Holman, A., 25.
Holman, R. M., 5.
Holmes, C. L., 21.
Holmes, F. S., 29.
Holmes, L. V., 22.
Holmes, M. L., 47.
Holmes, S. P., 38.
Holsinger, C. V., 22.
Holt, B. A., 35.
Holton, E. L., 24.
Holtz, H. F., 70.
Honey, E. E., 48.
Hood, G. R., 2.
Hook, A. M., 29.
Hooker, H. D., jr., 39.
Hooper, J. J., 26.
Hooper, S. W., 51.
Hooper, W. B., 7.
Hootman, H. D., 33.
Hopkins, A. W., 73.
Hopkins, E. F., 49.
Hopkins, H. S., 23.
Hopkins, J. A., jr., 21.
Hopkins, J. V., 71.
Hopkins, M., 26.
Hopper, H. A., 46.
Hopper, T. H., 51.
Hoppert, C. A., 72.
Hoppert, E. H., 42.
Horat, L. E., 18.
Hord, E. T., 50.
Horlacher, L. J., 26.
Horlacher, W. R., 65.
Horlbog, E., 35.
Horne, C. E., 59.
Horne, W. T., 7.
Horner, J. T., 32.
Horsfall, H. M., 71.
Horsfall, J. L., 59.
Horst, H. E., 53.
Horton, L. M., 36.
Horton, M. F., 65.
Horton, R., 57.
Hoskins, E. R., 47.
Hoskins, W. M., 42.
Hosmer, R. S., 47.
Hostetler, E. H., 50.
Hotchkiss, M., 45.
Hotchkiss, W. S., 65.
Hott, L. M., 36.
Hottes, A. C., 53.
Hottes, C. F., 15.
Hough, W. S., 68.
House, E. B., 8.
Houser, J. S., 54.
Hoverstad, A. T., 34.
Hovis, W. A., 39.
Howard, G. F., 35.
Howard, J. T., 31.
Howard, J. W., 12.
Howard, W. L., 7.
Howarth, J. A., 70.
Howe, A., 19.
Howe, F. B., 46.
Howe, G. H., 49.
Howe, M. F., 8.
Howe, W. F., 31.
Howell, C. E., 5.
Howell, W. C., 37.
Howes, H. L., 43.
Howey, M. O., 41.
Howlett, F. S., 54.
Hoy, H. H., 63.
Hoyle, S. C., 65.
Hoyt, H. R., 54.
Hubbard, B., 59.
Hubbard, C. M., 69.
Huber, H. F., 44, 45.
Huber, L. L., 54.
Hubert, B. F., 2.
Huberty, M. R., 6.
Hucker, G. J., 49.
Huckett, H. C., 49.
Huddleson, I. F., 34.
Hudson, C. R., 50.
Hudson, K., 25.
Hudson, R. S., 32.
Huelsen, W. A., 17.
Huffman, C. F., 32.
Huffman, E., 73.
Huggins, B. E., 43.
Hughes, E. H., 5.
Hughes, H. D., 21.
Hughes, J. L., 9.
Hughes, J. S., 24.
Hughes, O., 33.
Hughes, W. L., 65.
Hulbert, A. M., 44.
Hulbert, H. W., 14.
Hulce, R. S., 72.
Hull, D. C., 37.
Hull, E. D., 28.
Hull, M., 28.
Hullihen, W., 10.
Hultz, F. S., 74.
Humbert, E. P., 65.
Hume, A. N., 62.
Humfeld, H., 57.
Hummel, B. L., 38.
Humphrey, G. C., 72.
Humphrey, J. E., 26.
Humphrey, S. S., 52.
Hungerford, C. W., 15.
Hunn, C. E., 48.
Hunt, C. H., 54.
Hunt, H. R., 34.
Hunt, J. J., 64.
Hunt, L. W., 70.
Hunt, R. E., 68.
Hunt, T. F., 5.
Hunt, T. Fr., 6.
Hunt, W. R., 10.
Hunter, F. B., 48.
Hunter, H. M., 40.
Hunter, J. E., 38.
Hunter, M. A., 30.
Hunter, Mrs. M. E. V., 66.
Hunter, M. M., 33.
Hurd, C. J., 56.
Hurd, E. B., 21.
Hurd, L. M., 48.
Hurst, F. J., 37.
Hurst, H., 45.
Hurt, R. H., 68.
Huskins, E., 62.
Hussey, F., 63.
Huston, H., 53.
Huston, R. C., 32.
Hutcheson, J. R., 68.
Hutcheson, T. B., 68.
Hutchinson, J., 17.
Hutchison, A. E., 40.
Hutson, R., 45.
Hutton, C. A., 63.
Hutton, J. G., 62.
Hutton, J. P., 34.
Hyde, Mrs. B. E., 8.
Hyde, J. S., 33.
Hyde, L. S., 21.
Hypes, J. L., 9.
Hyslop, G. R., 57.

Ibsen, H. L., 24.
Iddings, E. J., 14.
Iddings, H. G., 68.
Ikenberry, G. J., 51.
Iler, W. D., 26.
Iles, L. M., 19.
Ilg, C., 45.
Ince, J. W., 60.
Ingalls, E. L., 67.
Ingalls, L., 52.
Ingham, I. M., 70.
Ingham, L. W., 29.
Ingram, C., 55.
Ingram, D., 40.
Irish, J. H., 7.
Irons, M., 32.
Irvin, C. J., 58.
Irving, D. F., 64.
Isbell, C. L., 1.
Isely, D., 4.
Israelsen, O. W., 66.
Iverson, C. A., 21.
Ivey, J. E., 1.

Jackman, E. R., 57.
Jackson, A. D. (N. H.), 43.
Jackson, A. D. (Tex.), 65.
Jackson, C. F., 43.
Jackson, H., 13.
Jackson, H. L., 60.
Jackson, H. S., 18.
Jackson, M., 26.
Jackson, M. B., 64.
Jackson, M. C., 69.
Jackson, M. E., 29.
Jackson, S. C., 38.
Jackson, S. K., 49.
Jackson, T. H., 56.
Jackson, V. T., 11.
Jacob, H. E., 7.
Jacob, M., 63, 64.
Jacobs, N. B., 70.
Jacobsen, A., 22.
Jacobsen, E. A., 17.
Jacobson, H. G. M., 4.
Jacobson, L. O., 22.
Jacobson, M. G., 35.
Jacobson, W. E., 74.
Jacobus, S. E., 72.
Jaffa, M. E., 7.
Jager, F., 35.
James, C., 43.
James, C. M., 18.
James, J. A., 72.
James, R. W., 71.
Jamison, H. E., 16.
Jamison, N. C., 56.
Janssen, G., 72, 73.
Jardine, J. T., II, 56.
Jarnagin, M. P., 12.
Jason, W. B., 40.
Jefferies, J. H., 11.
Jeffers, D. S., 22.
Jefferson, L. P., 31.
Jeffords, S. L., 61.
Jeffrey, A. A., 39.
Jeffries, C. D., 59.
Jeffries, D. M., 50.
Jehle, R. A., 30.
Jenkins, E. G., 30.
Jenkins, E. H., 10.
Jenkins, E. W., 67.
Jenkins, J. M., 28.
Jenks, F. B., 67.
Jennings, B. A., 47.
Jennings, D. S., 66.
Jennings, W. C., 14.
Jensen, A. E., 56.
Jensen, C., 55.
Jensen, I. J., 40.
Jensen, K., 15.
Jensen, W. C., 61.
Jerdan, A. L., 63.

Jernigan, W. J., 4.
Jesness, O. B., 26.
Jeter, F. H., 50.
Jewett, H. H., 26.
Jewett, R. M., 29.
Joffe, J. S., 44.
Johannsen, O. A., 47.
Johnakin, M., 62.
Johnson, A. E., 15.
Johnson, Mrs. A. E., 66.
Johnson, A. G., 57.
Johnson, A. H., 34.
Johnson, Mrs. B. M., 38.
Johnson, B. W., 28.
Johnson, C. C., 69.
Johnson, C. E., 35.
Johnson, D. R., 21.
Johnson, E., 22.
Johnson, E. C. (Minn.), 35.
Johnson, E. C. (Wash.) II, 69.
Johnson, E. M., 26.
Johnson, G. E., 25.
Johnson, H. E., 34.
Johnson, Mrs. H. F., 61.
Johnson, H. S., 37.
Johnson. J., 73.
Johnson, M. E., 4.
Johnson, O., 34.
Johnson, O. M., 72.
Johnson, O. N., 72.
Johnson, O. R., 38.
Johnson, R. E., 9.
Johnson, S. A., 7, 8.
Johnson, S. E., 34.
Johnson, T. C., 68, 69.
Johnson, W. T., 70.
Johnston, C. N., 6.
Johnston, C. O., 24.
Johnston, E. S., 30.
Johnston, H., 1.
Johnston, R. E., 62.
Johnston, S., 34.
Johnston, T. R., 19.
Johnston, W. W., 57.
Jolly, J. H., 27.
Jones, A., 53.
Jones, B. C., 65.
Jones, C. D., 45.
Jones, C. H., 67.
Jones, C. P., 31.
Jones, C. R. (Colo.), 8.
Jones, C. R. (W.Va.), II.
Jones, D. F., 10.
Jones, D. L., 65.
Jones, E., 53.
Jones, E. B., 40.
Jones, E. E., 28.
Jones, E. H., 51.
Jones, E. R., 72.
Jones, F. R., 65.
Jones, H. A., 7.
Jones, H. M., 62.
Jones, H. W., 64.
Jones, J. C., 48.
Jones, J. M., 64.
Jones, J. O., 11.
Jones, J. P., 30.
Jones, J. S., 56.
Jones, J. W., 26.
Jones, K. D., 7.
Jones, K. U., 37.
Jones, L. K., 73.
Jones, L. L., 18.
Jones, L. R., 73.
Jones, M. D., 29.
Jones, M. E., 44.
Jones, M. L., 20.
Jones, M. M., 38.
Jones, Mrs. M. W., 2.
Jones, Mrs. N. K., 73.
Jones, R. B., 2.
Jones, R. C., 56.
Jones, R. E., 9.
Jones, R. L., 20.
Jones, R. W. (Ga.), 12.
Jones, R. W. (Ky.), 27.
Jones, S. C., 26.
Jones, W. B., 32.
Jones, W. P., 30.
Jordan, A. O., 37.
Jordan, E. L., 27.
Jordan, H. V., 45.
Jordan, P. S., 36.
Jordan, R., 19.
Jordan, W. E., 50.
Jordan, W. R., 65.
Jorgenson, L., 52.
Joseph, G. H., 24.
Joseph, W. E., 40.
Journey, R. C., 50.
Judd, S. G., 57.
Judisch, G., 23.
Judkins, H. F., 30.
Juel, M., 8.
Jungherr, E., 40.
Justin, M. M., II, 25.

Kable, G. W., 56.
Kadderly, W. L., 57.
Kalkus, J. W., 70.
Kammlade, W. G., 16.
Karper, R. E., 65.
Karraker, A. H., 15.
Karraker, P. E., 25.
Kassel, R., 22.
Kauffman, L. A., 52.
Kaupp, B. F., 50.
Kays, D. J., 52.
Keaney, F. W., 60.
Kedzie, R. H., 28.
Keegan, L. A., 60.
Keegan, W. J., 61.
Keen, R. C., 28.
Keene, P. L., 63.
Keener, R. L., 12.
Keever, A. I., 36.
Keever, F., 4.
Keffer, C. A., 63.
Keilholz, F. J., 16.
Keim, F. D., 41.
Keiser, L. A., 57.
Keith, E. B., 24.
Keith, M. H., 16.
Keithline, M., 62.
Keitt, G. W., 73.
Kelk, O. M., 29.
Kell, W. V., 19.
Kellar, V. M., 30.
Kelleher, R. C., 17.
Keller, A. R., 13.
Keller, H., jr., 44.
Keller, L. L., 64.
Kelley, A. M., 44.
Kelley, A. P., 44.
Kelley, J. B., 26.
Kelley, J. G., 11.
Kelley, V. W., 17.
Kelley, W. P., 5.
Kellogg, C. E., 12.
Kellogg, R. M., 48.
Kelly, A., 25.
Kelly, E. G. (Del.), 10.
Kelly, E. G. (Kans.), 24.
Kelly, E. L., 71.
Kelly, J. P., 58.
Kelty, R. H., 33.
Kemp, W. B., 29.
Kempster, H. L., 38.
Kendall, J. C., 43.
Kendrick, J. B., 18.
Kendrick, W. H., 71.
Kenestrick, H., 53.
Kennard, D. C., 54.
Kennedy, A. C., 53.
Kennedy, C., 35.
Kennedy, C. H., 54.
Kennedy, M. M., 26.
Kennedy, P. B., 5.
Kenney, F. C., 32.
Kenney, H. F., 22.
Kenney, R., 26.
Kent, H. L., II, 45.
Kepperly, A. K., 41.
Kerlin, I. B., 27.
Kern, F. D., 58.
Kern, O. J., 6.
Kernkamp, H. C. H., 36.
Kerr, A. P., 27.
Kerr, J. P., 50.
Kerr, W. J., 56.
Kessler, N. A., 32.
Ketchin, J., 61.
Ketchum, M. S., II.
Kettunen, A. G., 33.
Kettunen, Mrs. R. C., 33.
Keyes, W. B., 22.
Kewley, A., 66.
Kezer, A., 7.
Kiah, T. H., 30.
Kidder, A. F., 27.
Kidder, W., 7.
Kiesselbach, T. A., 41.
Kildare, A. A., 69.
Kildee, H. H., 20.
Kilgore, B. W., 49.
Kilgore, Mrs. D. H., 22.
Killiam, A., 30.
Killough, D. T., 64.
Kilpatrick, E. J., 26.
Kimball, L., 48.
Kimbrough, W. D., 30.
Kime, P. H., 49.
Kimrey, A. C., 56
King, A. C., 46.
King, B. M., 39.
King, C., 28.
King, C. M., 20.
King, F. G., 18.
King, H. H., 24.
King, R. H., 14.
Kinghorn, I. G., 8.
Kingman, H. E., 8.
Kinley, D., 15.
Kinney, E. J., 26.
Kinney, L. F., jr., 60.
Kinnison, A. F., 3.
Kinsella, J. C., 18.
Kipps, M. S., 68.
Kirby, R. S., 58.
Kirby, S. J., 50.
Kirkpatrick, P., 13.
Kirkpatrick, R. T., 39.
Kirkpatrick, W. F., 9.
Kirkwood, W. P., 36.
Kirschman, H. D., 13.
Kiser, O. M., 36.
Kiser, R. W., 24.
Kistler, P. T., 58.
Kitselman, C. H., 25.
Kitsuta, K., 65
Kjosness, A. W. B., 15
Kleinheinz, F., 72.
Klingner, M. L., 39.
Klotz, L. J., 43.
Knandel, H. C., 58.
Knapp, B., II, 55.
Knight, B., 30.
Knight, H., 6.
Knight, H. G., II, 70, 71.
Knight, H. H., 23.
Knipe, F. W., 9.
Knoll, F. P., 58.
Knott, A. W., 24.
Knott, J. C., 69.
Knott, J. E., 46.
Knowles, N. S., 21.
Knowles, W. F., 44.
Knowlton, F. L., 56.
Knowlton, H., 31.
Knowlton, H. E., 71.
Knox, C. W., 20.
Knox, J. H., 16.
Knudson, L., 46.
Knutsen, M. H., 58.
Koch, A., 53.
Kochheiser, D. S., 52.
Koeber, J., 6.
Koehler, B., 15.
Koenig, L. A., 65.
Kohl, E. J., 18.
Kohl, L. E., 26.
Kohn, F. J., 74.
Kokoski, F. J., 31.
Kolb, J. H., 72.
Kollock, N., 2.
Kolshorn, A. M., 36.
Koon, R. M., 31.
Koonce, L. F., 50.
Koontz, T. L., 72.

Koritz, L. A., 17.
Koschmann, A. H., 55.
Kostalek, J. A., 15.
Kostir, W. J., 54.
Kotila, J. E., 32.
Kotlan, A., 34.
Kraft, J. H., 65.
Kramer, M. M., 25.
Kramer, W. A., 27.
Kramer, W. H., 54.
Krantz, E. B., 74.
Krantz, F. A., 36.
Krauss, F. G., 13.
Krauss, W. E., 46.
Krecker, F. H., 54.
Kreisel, G. R., 47.
Kremer, J. C., 33.
Kremers, L. R., 73.
Kriss, M., 59.
Kroh, S. J., 15.
Krout, W. S., 58.
Krueger, J., 33.
Krueger, W. C., 63.
Krum, O. C., 8.
Krum, W. G., 48.
Kruse, P. J., 47.
Krusekopf, H. H., 39.
Kuehn, J. F., 35.
Kuehner, C. L., 73.
Kuenning, A. C., 52.
Kuerner, G. W., 24.
Kuhlman, A. H., 62.
Kuhns, R. J., 38.
Kumlien, W. F., 62.
Kunerth, W., 23.
Kunst, F. B., 71.
Kuntz, W. A., 58.
Kurtz, L. D., 33.
Kutsunai, Y., 14.
Kyle, E. J., 64, 65.
Kynette, C. M., 2.
Kyrk, H., 22.
Kyzer, E. D., 61.

La Bossier, I., 40.
Lackey, J. B., 45.
Lacroix, D. S., 31.
La Croix, M. M., 27.
Ladd, C. E., 46, 47.
Ladd, J. E., 60.
Lafene, B. W., 24.
LaGrange, W. F., 20.
Laible, R. J., 16.
La Master, J. P., 61.
Lamb, A. R., 20.
Lamb, J , jr., 16.
Lambert, W. V., 22.
Lampman, C. E., 72.
Lamson, G. H., jr., 9.
Lancaster, C. A., 2.
Lancaster, D. S., 68.
Lancaster, Mrs. L. R., 22.
Lancaster, R. R., 65.
Lancelot, W. H., 21.
Landon, I. K., 23.
Landon, Mrs. L. E., 34.
Landrum, L. I., 61.
Lane, F. P., 74.
Lane, I. S., 66.
Lang, A. L., 16.
Lang, C. C., 53.
Langdon, G. E., 73.
Langsford, E. L., 26.
Lanham, W. B., 65.
Lanman, F. R., 53.
Lanphear, M. O., 30.
Lantow, J. L., 45.
Lantz, E. G., 59.
Lantz, H. L., 22.
Lapp, W. H., 20.
Larsen, C., 62.
Larson, A. H., 36.
Larson, C. H., 23.
Larson, G. A., 62.
Larson, R. A., 62.
Lathrop, F. H., 61.
Lathrop, F. W., 35.
Latshaw, W. L., 24.
Latta, W. C., 18.
Lattig, H. E., 15.
Laude, H. H., 23.
Lauman, G. N., 47.
Lautenschlager, V. E., 69.
La Voi, D. H., 36.
Lawrence, W. E., 56.
Laws, L. G., 10.
Lawson, B. C., 16.
Laycock, W. E., 33.
Layton, H. B., 61.
Lazenby, E., 53.
Leach, J. G., 36.
Learn, C. D., 8.
Leaton, L. L., 62.
Leavenworth, C. S., 10.
Leazenby, A-J., 25.
LeBron, L. C., 1.
Lee, A. M., 74.
Lee, B. L., 40.
Lee, D. W., 56.
Lee, H. A., 14.
Lee, I. M., 44.
Lee, J. G., jr., 27.
Lee, J. G., sr., 28.
Lee, J. R. E., 11.
Lee, V. P., 65.
Leeby, A. C., 52.
Leer, W. E., 18.
Leete, B. E., 54.
Leffingwell, B. A., 46.
Lefforge, J. H., 34.
Leggett, H. A. D., 67.
Lehe, H. H. von, 56.
Lehenbauer, P. A., 42.
Lehman, S. G., 50.
Lehmann, E. W., 17.
Leiby, R. W., 50.
Leichsenring, J. M., 36.
Leidigh, A. H., 64.
Leith, B. D., 72.
Leith, T. B., 71.
Leland, E. D., 33.
Leland, E. W., 46.
Leland, O. M., II.
Leland, T. W., 65.
Lent, B. F., 3.
Lentz, J. B., 31.
Leonian, L. H., 71.
Lepkovsky, S., 72.
Lesh, F. R., 39.
Lesley, J. W., 6.
Letson, O. W., 39.
Levine, A. A., 69.
Levine, M., 20.
Lewis, A., 15.
Lewis, C. A., 27.
Lewis, E. M., 30.
Lewis, E. P., 17.
Lewis, F. C., 19.
Lewis, I. D., 61.
Lewis, I. P., 54.
Lewis, J. V., 44.
Lewis, L. H., 61.
Lewis, L. M., 57.
Lewis, M. R., 15.
Lewis, R. D., 46.
Lewis, S. J., 11.
Lewis, S. L., 42.
Lewis, W. C., 32.
Lewis, W. P., 43.
Liddell, J. G., 12.
Lienhardt, H. F., 25.
Liggett, D., 74.
Lightbody, H. D., 32.
Lill, J. G., 33.
Lindberg, H., 3.
Linder, G., 8.
Lindgren, H. A., 56.
Lindquist, C., 17.
Lindquist, R. M., 22.
Lindsey, J. B., 31.
Lindstrom, E. W., 22.
Linfield, A., 63.
Linfield, F. B., 40.
Linford, J. H., 66.
Linklater, W. A., 70.
Linn, J. W., 24.
Linsley, C. M., 16.
Linton, R. S., 32.
Lipman, C. B., 5.
Lipman, J. G., II, 43, 44, 45.
Lipp, C. C., 63.
Lippincott, W. A., 5.
Lippincott, W. L., 61.
Lipscomb, J. N., 37.
Lisse, M. W., 58.
List, G. M., 8.
Little, C. C., II, 28.
Little, E., 44.
Little, V. A., 65.
Littlehale, A. D., 43.
Littlejohn, L. W., 55.
Litwiller, E. M., 25.
Lively, C. E., 52.
Livermore, J. R., 46.
Livesay, E. A., 70.
Livingston, A. S., 41.
Livingston, K. C., 37.
Livingston, L. F., 32.
Livingston, R. H., 53.
Lloyd, J. W., 17.
Lloyd, O. G., 19.
Lloyd, W. E., 5.
Lobdell, R. N., 37.
Locklin, H. D., 70.
Lockwood, W. P. B., 30.
Loeffel, W. J., 41.
Loftfield, V. G., 64.
Logan, L. E., 26.
Lohmann, K. B., 17.
Lommel, W. E., 19.
Long, C. L., 57
Long, G. B., 45.
Long, H. D., 51.
Long, J. D., 6.
Long, W. W., 61.
Longley, L. E., 15.
Longyear. B. O., 8
Loomer, H. G., 21.
Lopez, F. A., 60.
Lord, E. L., 11.
Loree, R. E., 33.
Lory, C. A., II, 7.
Lothrop, R. E., 56.
Lott, E. H., 40.
Lott, W. A., 44.
Loudd, A., 66.
Loudon, Mrs. D. A., 52.
Lounsbury, L. R., 70.
Love, H. H., 46.
Lowe, B., 22.
Lowe, Mrs. E. S., 56.
Lowe, I. D., 71.
Lowery, P. H., 55.
Lowry, E. M., 8.
Lowry, M. W., 12.
Lowry, P. R., 43.
Lowry, R. B., 63.
Lowry, S. J., 27.
Lubbehusen, R. E., 36.
Lucas, D. B., 44.
Lucas, J. B., 68.
Lucas, P. S., 32.
Luce, M. E., 67.
Luce, W. A., 70.
Luckett, J. D., 49.
Ludwig, C. A., 61.
Lumb, J. W., 25.
Lunberg, M. G., 9.
Lunn, A. G., 56.
Lunt, H. A., 16.
Lush, J. L., 64
Lush, R. H., 24.
Lute, A. M., 8.
Luther, E. L., 73
Luther, M. E., 73.
Lutman, A. S., 67
Lutman, B. F., 67.
Lutrell, E., 3.
Lux, E., 42.
Lyford, C. A., 43
Lyle, F. M., 65.
Lyle, S. P., 12.
Lyles, T. J., 62.
Lyman, G. R., 70.
Lyman, J. F., 52
Lynch, G. L., 53
Lyness, W. E., 41.
Lynn, G. I., 22
Lyon, H. L., 14.

Lyon, T. L., 46.
Lyons, E. S., 23.

McAdams, A. J., 38.
McAdams, J. H., 24.
McAdams, M. E., 17.
McAdory, I. S., 2.
McAlister, J. T., 61.
McAllep, W. R., 13, 14.
McAlpine, J. G., 9.
McAmis, J. C., 63.
McArthur, L. J., 63.
McBride, C. G., 52.
McBride, O. C., 35.
McCall, A. G., 30.
McCall, L. J., 65.
McCall, T. M., 36.
McCallan, S. E. A., 48.
McCally, R. L., 18.
McCampbell, C. W., 24.
McCann, L. P., 8.
McCann, R., 7.
McCarthy, A., 22.
McCarty, E. C., 8.
McCarty, M. A., 34.
McChord, R. C , 40.
McCleery, W. L., 14.
McClelland, C. K , 4.
McClelland, J. B., 53.
McClelland, T. B., 60.
McClenahan, B. A , 38.
McClintock, B., 46.
McClintock, J. A., 64.
McClintock, J. E., 53.
McClure, F. J., 18.
McClure, G. M., 53.
McClymonds, A. E., 15.
McCollam, M. E., 70.
McColley, G. A., 36.
McColloch, J. W., 24.
McComb, J. D., 56.
McConnell, R. E., 51.
McCool, M. M., 33.
McCord, J. L. E., 58.
McCormick, F. A., 10.
McCoy, J. E., 70.
McCoy, W. C., 12.
McCracken, E. C., 23.
McCue, C. A., 10
McCuen, G. W., 53.
McCullough, H. E., 17.
McCurdy, J. C., 47.
McDaniel, E. I., 33.
McDermott, J. J., 31.
McDole, G. R., 14.
McDonald, C. W., 20.
McDonald, M., 21.
McDonel, K. H., 33.
McDonnell, H. B., 29.
McDowell, M. S., 58, 59.
McEldowney, G. A., 14.
McElmurry, L., 25.
McElroy, C. H., 55.
McFadden, H. F., 40.
McFall, R. J., 31.
McFarland, Mrs. F. M., 30.
McFarland, K. H., 36.
McFeely, A., 36.
McGee, H. A., 49.
McGeorge, W. T., 14.
McGettigan, F. L., 43.
McGilliard, P. C., 55.
McGinnis, E., 29.
McGinnis, F. W., 34.
McGinty, R. A., 8.
McHargue, J. S., 26.
McHatton, T. H., 12.
McHugh, J. K., 28.
McIlroy, Mrs. C. B., 48.
McIlvaine, T. C., 71.
McIlwain, D. W., 37.
McInerney, T. J , 46.
McIntosh, C. J , 57.
McKay, A. B., 37.
McKay, H., 53.
McKay, H. M., 12.
McKay, L. H., 50.
McKay, L. J., 38.
McKay, M. B., 56.
McKee, C., 40.
McKee, J. C., 37.
McKellip, I., 52.
McKenney, G., 26.
McKenzie, M. C., 22.
McKibben, E. G., 6.
McKimmon, Mrs, J. S., 50.
McKinley, Mrs. H. V., 19.
McKinney, M., 10.
McKittrick, E. J., 74.
McLaughlin, A. R., 64.
McLaughlin, F. A., 31.
McLaughlin, Mrs. H. F., 43.
McLaughlin, H. M,, 20.
McLean, F. T., 60.
McLean, H. C., 44, 45.
McLendon, W. F., 12.
McLeod, J. H., 63.
McLeod, W. M., 25.
McMahon, A. L., 40.
McMahon, D., 52.
McMahon, J. E., 36.
McMiller, P. R., 36.
McMullen, E. C., 48.
McMurray, R. G., 53.
McNabb, C. A., 45.
McNair, A. D., 4.
McNall, P. E., 72.
McNaughton, E. B., 30.
McNeal, W. B., 35.
McNeel, W., 73.
McNees, W. H., 74.
McNess, G. T., 65.
McNulty, S. A., 73.
McNutt, G. W., 23.
McNutt, J. C., 43.
McNutt, S. H., 23.
McPheeters, M. R., 55.
McPheeters, W. H., 55.
McSpadden, B. J., 63.
McTeer, F. D., 64.
McVeety, Mrs. E., 52.
McVey, F. L., 26.
McWhorter, F. P., 69.
Mabee, W. B., 50.
Maberry, Mrs. E. N., 28.
MacDaniels, L. H., 48.
MacDonald, G. B., 22.
MacDonald, L., 9.
Macfarlane, J., 43.
Machlis, J. A., 62.
MacIntire, W. H., 63.
Mack, M. E., 42.
Mack, W. B., 59.
MacKay, A. C., 33.
Mackay, B. B., 27.
MacKenzie, P. C., 58.
Mackey, A. K., 16.
Mackey, R. A., 54.
Mackie, W. W., 5.
Mackintosh, D. L., 24.
Mackintosh, R. S., 36.
Macklin, T., 72.
MacLeod, G. F., 59.
MacMillan, W. B., 59.
Macpherson, H., 56.
Macy, H., 35.
Maddox, C. M., 19.
Madison, L. C., 58.
Madson, B. A., 5.
Maeser, S., 66.
Magee, L. G., 22.
Magill, E. C., 68.
Magill, W. W., 27.
Magnuson, H. P., 15.
Magruder, D. G., 69.
Magruder, R., 54.
Mahan, C. A., 26.
Mahoney, C. H., 64.
Mains, E. B., 18.
Mairs, T. I., 59.
Major, H. F., 39.
Mallman, W. LeR., 34.
Mallon, M. G., 19.
Malone, R. E., 4.
Manchester, A. W., 9.
Maneval, W. E., 38.
Maney, T. J., 22.
Mangels, C. E., 51.
Mangelsdorf, P. C., 10.
Manhart, V. C., 19.
Manley, P. C., 68.
Mann, A. R., 46.
Mann, H. B., 49.
Mann, M. C., 6.
Manning, H., 73.
Manning, W. E., 46.
Manns, T. F., 10.
Mansfield, H. L., 72.
Manter, J. A., 9.
Manuel, M. E., 69.
Marcovitch, S., 64.
Marcy, L. F., 24.
Maris, P. V., 56.
Markin, F. L., 73.
Marks, W. A., 4.
Markuson, M. J., 68.
Markwell, E. D., 55.
Markwell, O. C., 14.
Marlatt, A. L., II, 73.
Marlatt, C. L., II.
Marlatt, L. H., 12.
Marquardt, J. C., 49.
Marsh, G. H., 1.
Marsh, H. V., 60.
Marshall, C. E., 31.
Marshall, E. J., 25.
Marshall, H. C., 68.
Marshall, J. D., 7.
Marshall, R. E., 33.
Marshall, V. E., 17.
Marston, H. W., 24.
Martin, A. C., 50.
Martin, E. (Ark.), 4.
Martin, E. (Nebr.), 41.
Martin, E. F., 66.
Martin, H. M. (Ala.), 1.
Martin, H. M. (Nebr.), 42.
Martin, J. C., 5.
Martin, James H., 27.
Martin, Jos. H., 26.
Martin, J. N., 20.
Martin, J. P., 14.
Martin, L. (Md.), 30.
Martin, L. (Mo.), 39.
Martin, M. E. (Ala.), 2.
Martin, M. E. (Ind.), 19.
Martin, R. E., 63.
Martin, S. P., 2.
Martin, T. T., 38.
Martin, V. G., 37.
Martin, W. H. (N. J.), 44, 45.
Martin, W. H. (Pa.), 58.
Martin, W. P., 25.
Marvin, C. H., 3.
Mason, A. F., 44.
Mason, C. J., 9.
Mason, C. R., 59.
Mason, E. F., 15.
Mason, E. L., 9.
Mason, M. A., 22.
Mason, Mrs. M. P., 64.
Mason, R. H., 4.
Massengale, O. N., 24.
Massey, A. B., 68.
Massey, E. E., 37.
Massey, L. M., 48.
Masurovsky, B., 41.
Mather, F. E., 43.
Mather, S., 3.
Matheson, R., 47.
Mathews, C. W., 27.
Mathews, F. P., 19.
Mathews, H. B., 63.
Mathews, S. J., 12.
Mathis, B. M., 56.
Mathis, C., 4.
Mathis, W. T., 10.
Matthew, E. B., 4.
Matthews, C. D., 50.
Matthews, G. C., 35.
Matthews, M. L., 19.
Mattson, M. M., 47.
Mauldin, E. M., 1.
May, D. W., 60.
May, E. C., 66.
May, H. G., 60.

May, R. W., 40.
Maycock, R. B., 66.
Mayer, I. D., 19.
Mayer, L. S., 63.
Mayer, W. L., 50.
Mayhew, T. C., 6.
Maynard, E. J., 8.
Maynard, L. A., 46.
Mayne, D. D., 35.
Mayoue, G. C., 51.
Maxfield, F. H., 32.
Maxwell, A. L., 17.
Maxwell, D., 37.
Maxwell, H. L , 20.
Meacham, F. B., 50.
Meacham, F. T., 50.
Mead, E., 5.
Mead, S. W., 5.
Meade, DeV., 29.
Meader, A. L., 27.
Meares, J. S., 50.
Mechling, G. S., 53.
Medlar, A. W., 41.
Meek, H. B., 48.
Meek, Mrs. L. F., 48.
Megee, C. R., 33.
Mehaffey, E. E., 43.
Mehrhof, N. R., 11.
Mekeel, A. G., 48.
Melander, A. L., 70.
Melchers, L. E., 24.
Melhus, I. E., 20.
Mellon, M. G., 18.
Meloche, G. L., 73.
Melvin, B. L., 47.
Menaul, P. L., 55.
Mendenhall, Mrs. D. R., 73.
Mendenhall, R., 4.
Mensching, J. E., 49.
Menville, R. L., 27.
Merchant, C. H., 29.
Merchant, I. A., 28.
Mercier, W. B., 27.
Merkle, F. G., 58.
Merrill, A. R., 9.
Merrill, E. D., 5.
Merrill, J. F., 24.
Merrill, J. H., 24.
Merrill, L. H., 20.
Merrill, L. S., 28.
Merrill, R. M., 40.
Merritt, J. L., 61.
Mervine, E. M., 21.
Metcalf, H. J., 21.
Metcalf, W., 6.
Metcalf, Z. P., 50.
Methley, W., 36.
Metzger, H., 35.
Metzger, H. J., 46.
Metzger, J. E., 29.
Meulen, P. A. van der, 44.
Meybohm, Mrs. G. B., 35.
Meyer, A. J., 38.
Meyer, B. S., 52.
Meyer, Mrs. C. W., 22.
Meyers, P. B., 10.
Michels, C. A., 30.
Miekel, C. E., 35.
Mickey, M. R., 62.
Middleton, A. R., 18.
Middleton, J. A., 36.
Milam, A. B., 57.
Miles, G. F., 58.
Miles, L. E., 1.
Millar, C. E., 33.
Miller, A. E., 54.
Miller, C. B.. 22.
Miller, C. D., 13.
Miller, C. E., 51.
Miller, C. F., 50.
Miller, D. F., 54.
Miller, E. A., 64.
Miller, E. C., 24.
Miller, E. J., 32.
Miller, E. R., 1.
Miller, F. E., 50.
Miller, F. G., 15.
Miller, F. W., 57.
Miller, G. E., 51.
Miller, H. G., 56.
Miller, M. F., 39.
Miller, M. M., 26.
Miller, M. R., 42.
Miller, P. E., 36.
Miller, P. L., 21.
Miller, P. R., 33.
Miller, P. T., 74.
Miller, R. C. (Ky.), 26.
Miller, R. C. (N. Y.), 46.
Miller, R. C. (N. Dak.), 52.
Miller, R. F., 5.
Miller, R. N., 70.
Mills, H. S., 48.
Mills, W. H., 61.
Milner, M. A., 71.
Miltimore, C., 11.
Milton, R. H., 63.
Milum, V. G., 72.
Milward, J. G., 73.
Mims, M., 28.
Miner, G. I., 31.
Minns, L. A., 48.
Minor, Mrs. H. B., 60.
Minteer, C. C., 41.
Misner, E. G., 47.
Mitchell, E. A., 19.
Mitchell, E. L., 28.
Mitchell, F. E., 12.
Mitchell, G. A., 57.
Mitchell, G. E., 66.
Mitchell, H. H., 16.
Mitchell, J. H., 61.
Mitchell, T. B., 50.
Mittelman, E. B , 56.
Mixter, A. S., 29.
Mize, Mrs. L. R., 12.
Mobley, M. D., 12.
Moen, J., 67.
Moffitt, E. L., 58.
Mogendorff, N., 45.
Moles, H. S., 45.
Mollison, A. M., 40.
Monahan. W. C., 30.
Monosmith, P. B., 37.
Monroe, C. F. (N. Mex.), 45.
Monroe, C. F. (Ohio), 54.
Monsch, H., 48.
Montgomery, C. A., 68.
Montgomery, C. W., 54.
Montgomery, L. M., 53.
Monzón, L. C., 59.
Moody, H. W., 37.
Mooers, C. A., 63.
Moomaw, L., 52.
Moon, C. B., 11.
Moore, A. R., 44.
Moore, G. A., 55.
Moore, H. C. (Mich.), 33.
Moore, H. C. (Minn.), 35.
Moore, J. G., 73.
Moore, J. S., 37.
Moore, L. A., 17.
Moore, L. W., 18.
Moore, M. G., 49.
Moore, M. H., 37.
Moore, P., 14.
Moore, R., 24.
Moore, R. A., 72.
Moore, R. C., 68.
Moore, V. P., 11.
Moore, W., 22.
Moore, W. D., 61.
Moore, W. P., 68.
Moorhead, J. G., 19.
Moorhouse, L. A., 8.
Mooring, D. C., 55.
Moran, C., 43.
Mordoff, R. A., 48.
Morehouse, M. C., 57.
Moreland, C. F., 27.
Moreland, E., 63.
Moreland, R. W., 61.
Morgan, Mrs. A. F., 7.
Morgan, B., 21.
Morgan, C. H., 2.
Morgan, C. L., 61.
Morgan, E. L., 38.
Morgan, G. W., 40.
Morgan, H. A., II, 63.
Morgan, J. O., 64.
Morgan, L. E., 27.
Morgan, M. F., 10.
Morgan, R. F., 41.
Morgan, R. J., 63.
Morgan, W. A., 13.
Morison, F. L., 52.
Morley, L. W., 58.
Morrill, W. J., 8.
Morris, G. M., 65.
Morris, H , 28.
Morris, H. E., 40.
Morris, O. M., 70.
Morris, S. O., 67.
Morris, V. H., 54.
Morris, W. E., 35.
Morrish, R. W., 25.
Morrison, F. B., 72.
Morrison, J., 53.
Morrow, C. A., 35.
Morse, A. P., 36.
Morse, F. W., 31.
Morse, T. D., 38.
Morse, W. C., 37.
Morse, W. J., 28.
Mortensen, M., 20.
Mortenson, W. P., 74.
Mortimer, G. B., 72.
Morton, C., 48.
Morton, G. E., 8.
Morton, G. M., 42.
Moses, B. D., 6.
Mosher, M. L., 17.
Moss, A. E., 9, 10.
Moss, E. G., 50.
Moss, L. B., 59.
Moss, W. A., 15.
Mossop, M. C., 47.
Most, B. R., 8.
Mostyn, R. M., 29.
Mote, D. C., 56.
Moton, R. R., 2.
Motz, F. A., 68.
Mount, M. M., 30.
Mowry, H., 11.
Moyer, J. H., 24.
Mudge, C. S., 5.
Muenscher, W. C., 46.
Mugglestone, H. B., 24.
Muir, F., 14.
Muldrow, M. W., 4.
Mulford, W., 6.
Muller, R. T., 31.
Mullins, L. V., 30.
Mulvania, M., 73.
Mulvey, R. R., 18.
Mumford, E., 33.
Mumford, F. B., II, 38.
Mumford, H. W., II, 15.
Mundinger, F. G., 49.
Munn, M. T., 49.
Munroe, H. D., 58.
Munson, H. F., 65.
Murdock, H. E., 40.
Murneek, A. E., 39.
Murphey, F. T., 59.
Murphey, H. S., 23.
Murphree, A A., 11.
Murphy, H. F., 55.
Murray, C., 23.
Murray, R. F., 72.
Murray, T. J., 43.
Musbach, F. L., 73.
Musgrave, G. W., 44, 45.
Mussehl, F. E., 41.
Musselman, H. H., 32.
Musser, A. M., 61.
Musser, H. B., 58.
Mustard. A. H., 70.
Muttkowski, R. A., 15.
Myer, D. S., 53.
Myers, C. Emory, 59.
Myers, C. Everett, 58.
Myers, C. H., 46.
Myers, K. H., 17.

Myers, L., 35.
Myers, M. B., 55.
Myers, W. I., 47.
Myers, W. R , 35.
Myrland, R. H., 73.

Nabenhauer, F. P., 49.
Nabours, R. K., 25.
Nash, E. C., 65.
Naylor, N. M., 20.
Naylor, P. B., 38.
Neal, D. C., 37.
Neale, P. E., 25.
Neasham, E. W., 27.
Neblette, C. B., 65.
Needham, J. G., 47.
Neel, L. R., 64.
Neff, C. R., 27.
Nehrling, A. H., 48.
Nehrling, Mrs. I. D., 48.
Neidig, R. E., 15.
Neiswander, C. R., 54.
Neller, J. R., 69.
Nelson, A., 74.
Nelson, B. G., 26.
Nelson, C., 11.
Nelson, C. I., 51.
Nelson, D. H. (Calif.), 5.
Nelson, D. H. (Utah), 66.
Nelson. J. A., 40.
Nelson, J. B., 31.
Nelson, J. W., 6.
Nelson, M., 4.
Nelson, M. A., 4.
Nelson, Mrs. M. T., 72.
Nelson, N. T., 10.
Nelson, O. M., 56.
Nelson, P. (Guam), 13.
Nelson, P. (Utah), 67.
Nelson, P. M., 22.
Nelson, R., 32.
Nelson, R. E., 18.
Nelson, R. M., 36.
Nelson, S. B, 69, 70.
Nelson, T. C., 44, 45.
Nelson, V. E., 20.
Nelson, W. S., 38.
Nemeck, M., 40.
Nesbitt, A., 28.
Nesbitt, L. L., 51.
Nesbitt, N., 71.
Nesom, G. H., 36.
Ness, H. (Iowa), 23.
Ness, H. (Tex.), 64.
Ness, Mrs. H., 22.
Nettleton, H. I., 15.
Nettleton, L. B., 54.
Nevens, W. B., 16.
Newell, P. F., 37.
Newell, W., 11.
Newins, H. S., 59.
Newlander, J. A., 67.
Newlon, J. B., 31.
Newlon, W. E., 5.
Newman, C. C., 61.
Newman, G. B., 59.
Newman, H. G., 39.
Newman, W. S., 68.
Newsom, I. E., 8.
Newton, C., 12.
Newton, H. D., 9.
Newton, J. H., 8.
Newton, J. O., 35.
Nicholls, W. D., 26.
Nichols, H. E., 22.
Nichols, M. L., 1.
Nichols, R. D., 24.
Nicholson, J. F., 39.
Nickell, P., 36.
Nickels, C. B., 61.
Nickolls, C. L., 55.
Niesley, H. G., 58.
Nightingale, G. T., 73.
Nisonger, H. W., 53.
Nissley, C. H., 44.
Nissley, W. B., 59.
Niswonger, H. R., 50.
Nitcher, C., 24.
Nixon, E. L., 58.
Nixon, L, M., 50.
Noble, C. V., 47.
Noble, E. C., 42.
Noble, S., 37.
Nobles, C. R., 68.
Nodine, E. H., 31.
Noer, R. D., 36.
Nohavec, F. R., 41.
Nolan, A. W., 16.
Nolan, O. L., 10.
Noland, T. W., 39.
Noll, C. F., 58.
Noll, M., 42.
Nordby, J. E., 14.
Norris, L. C., 48.
Norris, R. K., 57.
North, K. S., 55.
Norton, E. A., 16.
Norton, J. B. S., 29.
Norton, W. J., 6.
Nuckols, Mrs. W. W., 28.
Nuffer, L. F., 66.
Nussbaum, W. S., 20.
Nutter, J. W., 26.
Nye, C., 47.
Nye, Mrs. M. C., 59.
Nylin, V. E., 35.

Oakes, C. W., 23.
Oaks, C. S., 49.
Odell, A., 67.
Oderkirk, B. S., 20.
Odland, T. E., 70.
Oehm, G. M., 4.
Oestlund, O. W., 35.
Ogaard, A. J., 40.
Ogden, H. P., 63.
Ogle, L., 53.
Ogle, O., 64.
Ogle, R. C., 48.
O'Kane, W. C., 43.
O'Kelly, J. F., 37.
Old, Mrs. G., 55.
Oldenburg, F. W., 29.
Oliver, A. G., 50.
Oliver, A. W., 56.
Oliver, J. E., 68.
Oliver, J. G., 12
Olmstead, R. H., 58.
Olney, A. J., 27.
Olney, R. A., 71.
O'Loughlin, M. A., 45.
Olsen, E. I., 51.
Olson, N. E., 24.
Olson, P. J., 51.
Olson, T. M., 62.
Oman, A. E., 25.
O'Neal, A. M., 21.
O'Neale, L. M., 57.
O'Neil, E., 69.
Ong, E. R. de, 6.
O'Roke, E. C., 63.
O'Roke, G. W., 74.
Orr, D. M., 55.
Orr, H. W., 55.
Orrben, C. L., 21.
Orton, C. R., 58.
Osbeck, F. E., 36.
Osborn, G. A., 44, 45.
Osborn, H., 54.
Osborn, H. T., 14.
Osborn, J. L., 57.
Osborn, L. W., 4.
Osborne, J. G., 66.
Osborne, T. B., 10.
Osburn, R. C., 53.
Osenberg, A., 40.
Oskamp, J., 48.
Osmun, A. V., 31.
Ostergaard, J. M., 13.
Ostrander, J. E., 32.
Osuna, P., 60.
Overbey, N., 27.
Overholser, E. L., 7.
Overholt, V., 53.
Overholts, L. O., 58.
Overley, F. L., 70.
Overman, O. R., 16.
Overpeck, J. C., 45.
Overseth, O. E., 21.
Overstreet, A. L., 62.
Overton, M. H., 19.
Owen, G., 22.
Owen, W. L., 28.
Owens, C. A., 61.
Owens, C. C., 2.
Owens, C. E., 56.
Owens, G. W., 69.
Owens, J. S., 9.
Owens, W. W., 66.

Pack, H. J., 67.
Packman, F., 21.
Paddock, F. B., 23.
Paddock, W., 53.
Page, E. M., 39.
Page, J. F., 56.
Pahau, R., 13.
Palmer, C. C., 10.
Palmer, C. M., 58.
Palmer, E., 19.
Palmer, E. L., 47.
Palmer, G. D., jr., 24.
Palmer, H., 39.
Palmer H. S.., 13.
Palmer, L. S., 35.
Palmer, M., 1.
Palmer, M. A., 8.
Palmer, W. C., 51.
Palmer, W. H., 53.
Pammel, L. H., 20.
Parfitt, E. H., 19.
Paris, F. A., 14.
Park, J. B., 53, 54.
Park, M. A., 22.
Parker, C. S., 51.
Parker, E. L., 10.
Parker, F. W., 1.
Parker, J. H., 23.
Parker, J. R., 40.
Parker, M. M., 69.
Parker, R. L., 23.
Parker, S. L., 5.
Parker, S. R., 31.
Parker, T. R., 2.
Parkhurst, R. T., 14.
Parkinson, H. G., 58.
Parks, H. B., 65.
Parks, T. H., 54.
Parrish, G. R., 69.
Parrott, P. J., 49.
Parshall, R. L., 8.
Parsons, D. W., 71.
Parsons, H. T., 73.
Parsons, J. D., 41.
Partch, L. A., 19.
Partridge, N. L., 33.
Patch, E. M., 29.
Patch, G., jr., 32.
Patch, R. H., 9
Pate, W. F., 49.
Pate, W. W., 1.
Paterson, A. G., 69.
Patrick, A. L., 58.
Patrick, C. S., 61.
Patrick, I., 2.
Patt, A. S., 18.
Patt, E. M., 18.
Patten, A. J., 32.
Patterson, F. D., 69.
Patterson, F. D., jr., 2.
Patterson, H. J., 29.
Patterson, I., 53.
Patterson, M. F., 7.
Patterson, T. M., 37.
Patteson, G. W., jr., 68.
Patton, C. A., 54.
Patton, J. W., 30.
Patty, E. S., 4.
Patty, R. L., 62.
Paulson, W. E., 19.
Payne, L. F., 24.
Payson, E. B., 74.
Payson, V., 36.
Payton, F. B., 62.
Peabody, F. H., 46.
Peabody, G. E., 47.
Peacock, N. D., 64.
Peairs, L. M., 71.
Pearce, S. D., 65.
Pearce, W. T., 51.
Pearson, F. A., 47.
Pearson, H. A., 52.

Pearson, L. G., 1.
Pearson, N., 33.
Pearson, O., 2.
Pearson, O. H., 43.
Pearson, R. A., II, 20.
Peck, A. L., 57.
Peck, F. W., II, 34.
Peck, G. W., 48.
Peck, M., 21.
Peckinpaugh, G. C., 19.
Peffer, H., 15.
Peightal, M. F., 51.
Peltier, G. L., 41.
Pemberton, C. E., 14.
Pence, M. O., 18.
Pendleton, H. L., 30.
Penneck, F. M., 60.
Pennock, O. P., 8.
Penquite, R., 55.
Peppard, Mrs. L. L., 60.
Perin, L. E., 28.
Perin, S. W., 42.
Perkins, A. E., 54.
Perkins, A. T., 24.
Perkins, H. F., 67.
Perkins, R. C. L., 14.
Perkins, W. R., 27.
Perley, G. A., 43.
Perregaux, E. A., 47.
Perry, E. J., 43.
Perry, W. M., 69.
Persells, H. V., 12.
Pershing, S. B., 19.
Person, F. G., 8.
Persons, R. W., 65.
Pessin, L. J., 50.
Peter, A. M., 26.
Peters, C. A., 31.
Peters, D. J., 45.
Peters, E. M., 65.
Peters, M. K., 42.
Peters, W. H., 34.
Petersen, W. E., 35.
Peterson, A., 44, 45.
Peterson, E. G., II, 66.
Peterson, L. I., 17.
Peterson, P. D., 36.
Peterson, V., 61.
Peterson, W., 66.
Peterson, W. H., 72.
Pettigrove, H. R., 33.
Pettinger, N. A., 16.
Pettit, R. H., 33.
Peyton, J. C., 37.
Phelan, J., 32.
Phelps, E. L., 36.
Phillip, C. B., 35.
Phillips, A. G., 18.
Phillips, A. W., 31.
Phillips, C. A., 5.
Phillips, E. F., 47.
Phillips, N. E., 59.
Phillips, T. D., 52.
Phillips, T. G., 43.
Philp, G. L., 7.
Phinney, G. H., 23.
Phipps, C. R., 39.
Pickard, [illegible], 25.
Pickens, E. M., 29.
Pickett, B. S., 22.
Pickett, F. L., 69.
Pickett, W. F., 25.
Pickrell, C. U., 3.
Piedalue, I. M., 27.
Pieper, J. J., 16.
Pierce, H. B., 58.
Pierson, C. J., 29.
Pierson, E., 62.
Pilchard, E. I., 16.
Pilkey, A. M., 36.
Pillsbury, J. P., 50.
Pinckney, A. J., 45.
Pinckney, R. M., 36.
Pinckney, S. M., 62.
Pirnie, M. D., 48.
Pittman, B. C., 67.
Pittman, D. W., 66.
Pittman, M. S., 25.
Plagge, H. H., 23.
Plagge, H. J., 23.
Plantevigne, L., 4.
Plattenburg, J. H., 33.
Plice, M. J., 18.
Plumb, C. S., 52.
Poelma, L. J., 29.
Pohlman, R., 22.
Polk, T. P., 26.
Pollard, C. B., 18.
Pollinger, W. E., 40.
Pollock, E. O., 64.
Polson, M. E., 25.
Pond, G. A., 34.
Pontius, B. E., 18.
Pool, R. J., 41.
Poole, R. F., 45.
Pope, J. D., 1.
Pope, J. P., 42.
Pope, W. T., 14.
Popp, H. W., 58.
Porter, A. L., 40.
Porter, C. L., 18.
Porter, D. R., 24.
Porter, J. P., 48.
Posson, M. B., 41.
Post, A. H., 40.
Post, R. E., 62.
Potter, C. E., 40.
Potter, C. I., 25.
Potter, D. D., 44.
Potter, E. L., 56.
Potter, G. F., 43.
Potter, L. C., 62.
Potter, P. B., 53.
Potts, A. T., 65.
Potts, H. C., 55
Powell, C. K., 48.
Powell, E. B., 39.
Powell, P. P., 1.
Powell, W., 47.
Powers, E. B., 64.
Powers, W. L., 57.
Pratt, B. A., 55.
Pratt, D. J., 64.
Pratt, F. R., 44.
Prentice, B. N., 10.
Prentiss, S. W., 57
Pressley, E. H., 3.
Preston, C. M., 8.
Prettyman, H. W., 71.
Prevost, E. S., 61.
Prewitt, E. M., 26.
Price, C. B., 68.
Price, E. R., 68.
Price, F. E., 57.
Price, H. B., 35.
Price, H. L., 68.
Price, J. C. C., 37.
Price, M., 53.
Price, O. B., 33.
Price, R. B., jr., 39.
Price, W. A., 19.
Price, W. V., 46.
Prickett, P. S., 46.
Prillerman, D. M., 71.
Prillerman, E. M., 71.
Prince, A. L., 44, 45.
Probstfield, E. E., 36.
Proctor, A. E., 65.
Proebsting, E. L., 7.
Proulx, E. G., 18.
Prouty, C. C., 14.
Prucha, M. J., 16.
Przyluska, W., 53.
Pugsley, C. W., 62.
Pulley, M. C., 30.
Purcell, M. E., 73.
Purves, C. M., 65.
Puryear, C., 64.
Pushee, G. F., 31.
Putnam, G. W., 34.
Putnam, P. L., 9.
Pyke, W. E., 8.
Pyle, N. J., 32.
Pyrtle, R. N., 56.

Quaife, E. L., 20.
Quayle, H. J., 6.
Quayle, W. L., 74.
Quesenberry, G. R., 45.
Quinn, J. T., 39.
Quisenberry, K. S., 70.
Quist, J. S., 21.

Raber, O., 3.
Raburn, G. E., 25.
Radspinner, W. A., 50.
Raeder, J. M., 15.
Ragsdale, A. C., 38.
Rainey, D. F., 33.
Raleigh, C. J., 31.
Ralston, W. R., 6.
Ramirez, J. H., 60.
Ramos, R. M., 60.
Ramsburg, B. F., 44.
Ramsower, H. C., 52, 53.
Randall, G. O., 50.
Randlett, G. W., 51, 52.
Randolph, E. E., 50.
Randolph, E. O., 65.
Randolph, F. H., 47.
Randolph, J. W., 1.
Raney, E. R., 49.
Rankin, F. H., 17.
Rankin, J. O., 41.
Rankin, W. H., 49.
Ranney, E. S., 3.
Rapking, A. H., 71.
Rapp. C. W., 4.
Rasmussen, M. P., 47.
Rathbone, R. V., 12.
Rather, H. C., 33.
Raven, M. I., 44.
Rawl, E. H., 61.
Rea, J. L., jr., 50.
Read, J. W., 4.
Reade, J. M., 12.
Rearden, J. H., 15.
Rebrassier, R. E., 53.
Recknagel, A. B., 48.
Records, E., 42.
Redd, H. B., 68.
Reddick, D., 46.
Redditt, J. R., 51.
Redman, R. W., 31.
Reed, C. O., 53.
Reed, E. P., 53.
Reed, E. T., 57.
Reed, F. P., 21.
Reed, H. D., 48.
Reed, H. E., 24.
Reed, H. J., 18.
Reed, H. S. (Calif.), 5.
Reed, H. S. (Mich.), 32.
Reed, O. E., 32.
Reed, R. C., 29.
Reed, W. D., 61.
Reeder, G., 39.
Rees, C. W., 67.
Reese, H. M., 39.
Reese, N. M., 12.
Reeve, L. P., 74.
Reeves, R. G., 20.
Regan, M. J., 38.
Regan, W. M., 5.
Regeimbal, L. O., 36.
Regenbrecht, E. M., 64
Regt, A. C. de, 44.
Reichert, E. L., 41.
Reid, D. H., 64.
Reid, T. R., 4.
Reid, W. H. E., 38.
Reider, E. S., 58.
Reilly, N., 39.
Reimer, F. C., 57.
Reinhard, H. J., 65.
Reitz, W. W., 12.
Remington, R. E., 51.
Renner, K. M., 24.
Reppert, R. R., 65.
Rettger, L. F., 9.
Reymond, G. H., 27.
Reyna, J. E., 47.
Reynolds, E. B., 64.
Reynolds, E. S., 51.
Reynolds, H., 2.
Reynolds, L. W., 31.
Reynolds, M. H., 36.
Reynolds, P. M., 52.
Rhoads, A. S., 11.
Rhoads, W., 26.
Rhode, C. S., 16.
Rhodes, A. M., 55.

Rhodes, V. D., 19.
Rhue, L. C., 17.
Rice, C. D., 23.
Rice, F. E., 50.
Rice, J. E., 48.
Rice, V. A., 30.
Rice, W. H., 29.
Rice, W. S., 12.
Rich, F. A., 67.
Richards, B. L., 66.
Richards, G., 73.
Richardson, A. E., II, 22.
Richardson, A. G. G., 12.
Richardson, A. W., 43.
Richardson, B. T., 1.
Richardson, C. S., 29.
Richardson, D. F., 8.
Richardson, E. (Fla.), 11
Richardson, E. (Iowa), 22.
Richardson, E. H., 23.
Richardson, L. A., 63.
Richardson, P., 60.
Richey, H. W., 23.
Richmond, E. Y., 59.
Richmond, J. E., 71.
Richmond, T. E., 16.
Rickett, H. W., 38.
Ricks, Mrs. G. S., 56.
Ricks, H., 68.
Ricks, J. R., 37.
Riddell, F. T., 32.
Riddell, W. H., 24.
Rieman, C. W., 3d, 44.
Riemenschneider, A., 22.
Ries, V. H., 19.
Riker, A. J., 73.
Riley, E., 37.
Riley, H. W., 47.
Riley, J. A., 61.
Riley, M. C., 72.
Riley, O. N., 54.
Riley, P. G., 18.
Riley, W. A., 35.
Rilling, H. E., 52.
Rinehart, E. F., 14.
Ring, G. C., 32.
Ripperton, J. C., 14.
Rishoi, A. H., 69.
Ritchie, W. S., 38.
Ritz, F., 10.
Ritzman, E. G., 43.
Rivera, A., 60.
Rivers, E. A., 36.
Rivers, E. V., 2.
Roach, C. E., 23.
Roadhouse, C. L., 5.
Robb, B. B., 47.
Robbers, W. R., 44.
Robbins, E. T., 16.
Robbins, F. E., 18.
Robbins, W. J., 38.
Robbins, W. R., 44.
Robbins, W. W., 5.
Robert, S. A., 64.
Roberts, E., 16.
Roberts, G., 26.
Roberts, G. H., 19.
Roberts, L. E., 3.
Roberts, M., 22.
Roberts, O. S., 18.
Roberts, R. (Nebr.), 41.
Roberts, R. (N. Y.), 48.
Roberts, R. E. (Ind.), 19.
Roberts, R. E (Ohio), 52.
Roberts, R. H., 73.
Robertson, A. H., 49.
Robertson, D. J., 74.
Robertson, D. W., 7.
Robertson, J. H., 63.
Robertson, L. S., 19.
Robertson, R. B., 18.
Robertson, W. F., 31.
Robertson, W. R. B., 39.
Robey, O. E., 32.
Robichaux, F. J., 27.
Robinson, A., 2.
Robinson, A. B., 16.
Robinson, C. S., 32.
Robinson, D. E., 66.
Robinson, E. P., 43.
Robinson, F. H., 61.
Robinson, J. L., 21.
Robinson, J. M., 2.
Robinson, M., 47.
Robinson, M. E., 39.
Robinson, Mrs. O., 64.
Robinson, R. H., 56.
Robison, W. L., 54.
Robotka, F., 21.
Robson, H. K., 70.
Rocheford, J. M., 39.
Rockhill, M., 22.
Rodenhiser, H. A., 36.
Rodenwold, B. W., 56.
Roderick, L. M., 52.
Rodgers, S. E., jr., 50.
Rodier, E. A., 70.
Rodolfo, A., 73.
Rodwell, I. H., 47.
Roe, H. B., 35.
Roehl, L. M., 47.
Rofkar, W. F., 54.
Rogers, C. E., 25.
Rogers, C. F., 20.
Rogers, F., 11.
Rogers, H. S., 56.
Rogers, H. W., 54.
Rogers, J. H., 65.
Rogers, J. S., 11.
Rogers, M. C., 33.
Rogers, R. H., 62.
Rogers, R. W., 31.
Rogers, T. C., 45.
Rogers, W. B., 61.
Rohrbeck, E. H., 59.
Rokahr, M., 74.
Rolfs, F. M., 55.
Roller, E. M., 20.
Rollins, H. A., 43.
Roman, Mrs. N. McN., 48.
Romness, J., 35.
Rood, E. J., 20.
Roof, S., 53.
Rosa, J. T., jr., 7.
Rose, E. J., 9.
Rose, F., 48.
Rose, R. C., 36.
Roseboom, B. B., 34.
Rosen, H. R., 4.
Rosenfeld, A. H., 60.
Rosenkrans, D. B., 61.
Rosewall, O. W., 28.
Ross, B. B., 1.
Ross, C. S., 51.
Ross, H. A., 47.
Ross, H. E., 46.
Ross, J. E., 61.
Ross, P. H., 3.
Ross, R. C., 17.
Rost, C. O., 36.
Rothacker, R. R., 23.
Routh, R. F., 50.
Rowan, L. J., 38.
Rowlands, W. A., 72.
Rubel, C. W., 6.
Rubin, A. L., 63.
Ruby, P. E., 25.
Rude, C. S., 65.
Rudnick, A. W., 21.
Rudolfs, W., 44, 45.
Rudolph, B. A., 7.
Ruehe, H. A., 16.
Ruehle, G. L. A., 34.
Ruffin, W. A., 2.
Ruffner, R. H., 50.
Ruggles, A. G., 35.
Rumsey, W. E., 71.
Runk, C. R., 10.
Runnalls, W. J., 41.
Runnells, R. A., 68.
Rupel, I. W., 72.
Rupp, G. F., 59.
Ruprecht, R. W., 11.
Rusk, H. P., 16.
Russ, E. M., 7.
Russel, J. C., 41.
Russell, F. L., 28.
Russell, G. P., 27.
Russell, H. L., II, 72, 73.
Russell, S. F., 38.
Rust, E. W., 6.
Ruth, C. C., 57.
Ruth, W. A., 17.
Rutherford, E., 42.
Ruzek, C. V., 57.
Ryan, E., 53.
Ryan, J. C., 37.
Ryan, M., 42.
Rynerson, H. Z., 21.

Sachs, W. H., 4.
Sackett, W. G., 8.
Sager, D. D., 32.
St. John, H., 69.
St. John, J. L., 69.
Saldana, J. A., 60.
Sales, E. K., 34.
Salisbury, S. M., 52.
Salmon, S. C., 23.
Salmon, W. D., 1.
Salter, E. M., 73.
Salter, F. J., 53.
Salter, R. M., 53.
Sammis, J. L., 72.
Sampson, A. W., 6.
Sampson, H. C., 52.
Sampson, H. O., 44.
Sams, C. L., 50.
Samuel, E. L., 22.
Sanborn, C. E., 55.
Sanborn, M. L., 43.
Sanborn, N. W., 11.
Sanborn, R., 31.
Sanctuary, W. C., 31.
Sand, A. W. W., 48.
Sanders, D. A., 26.
Sanders, J. T., 55.
Sanders, O. W., 38.
Sanders, P. D., 29.
Sanders, W. H., 24.
Sanderson, E. D., 47.
Sanderson, T., 51.
Sandhouse, G., 47.
Sandhouse, H. A., 4.
Sands, L., 3.
Sandstedt, R. M., 41.
Sandsten, E. P., 8.
Sandstrom, W. M., 35.
Sanmann, F. P., 16.
Sargent, C. G., 8.
Sargent, E. L., 44.
Saunders, W. D., 68.
Sauve, E. C., 32.
Savage, E. S., 46.
Saville, R. J., 50.
Savoy, W. F., 71.
Sawtelle, D. W., 31.
Sawyer, C. E., 25.
Sawyer, L. E., 12.
Sax, K., 28.
Sayre, C. B., 17.
Sayre, J. D., 52.
Scanlan, R. W., 39.
Scarboro, P. J., 62.
Scarseth, G. D., 10.
Schaars, M. A., 72.
Schaedel, J. M., 65.
Schaefer, O. G., 35.
Schafer, E. G., 70.
Schafer, R. W., 8.
Schaffer, O. G., 17.
Schaffner, J. H., 52.
Schairer, E. S., 73.
Schalk, A. F., 52.
Schaub, I. O., II, 49, 50.
Scherer, N. W., 53.
Schermerhorn, L. G., 44, 45.
Schertz, F., 55.
Schilletter, A. E., 61.
Schilletter, J. C., 23.
Schilling, S. J., 4.

Schlundt, H., 38.
Schmidt, G. A., 8.
Schmidt, H., 65.
Schmidt, R., 50.
Schmitz, H., 15.
Schmitz, N., 58.
Schneck, H. W., 48.
Schneiderhan, F. J., 68.
Schoene, W. J., 68.
Scholes, B. E., 19.
Scholl, E. E., 55.
Schollenberger, C. J., 54.
Schoonover, W. R., 7.
Schoth, A. J., 23.
Schoth, H. A., 57.
Schowengerdt, P. F., 39.
Schrack, C. V., 15.
Schrader, A. L., 30.
Schramm, J. R., 46.
Schrass, M. E., 19.
Schultz, J. F,, 65.
Schultz, O. C., 55.
Schulz, J. A., 20.
Schulze, A. F., 9.
Schumacher, F. X., 6.
Schumaker, D., 47.
Schuster, C. E., 57.
Schuster, G. L., 10.
Schutt, C. D., 46.
Schwab, J. W., 18.
Schwalen, H. C., 3.
Schwantes, A. J., 35.
Schwartz, L. H., 18.
Scoates, D., 65.
Scott, E. L., 3.
Scott, I. T., 38.
Scott, J. A., 67.
Scott, J. M., 11.
Scott, J. P., 25.
Scott, J. W., 74.
Scott, R. C., 12.
Scott, R. J., 48.
Scott, S. G., 40.
Scott, V. E., 42.
Scott, W., 56.
Scott, W. H., 60.
Scoville, G. P., 47.
Scranton, L. L., 16.
Scudder, F. A., 48.
Scudder, H. D., 56.
Scullen, H. A., 56.
Seal, J. L., 36.
Seamans, A. E., 40.
Searles, H. R , 35.
Searles, Mrs. H. R., 36.
Sears, F. C., 31.
Sears, G. W., 42.
Sears, O H., 16.
Sears, W. R., 53.
Seaton, J. P., 18.
Seaton, M. A,, 38.
Seaton, R. A., II
Sebastian, M. R., 28.
Secrest, E., 54.
Secrest, M., 6.
Seeley, D. A., 33.
Segelin, H. E., 60.
Sein, F., jr., 60.
Selby, Mrs. E. P., 2.
Selby, H. E., 40.
Sell, I. I., 36.
Sellards, H. G., 26.
Sellers, J. E., 24.
Sellman, R. L., 29.
Selvig, G. G., 36.
Senn, P. H., 27.
Sequist, M., 25.
Serex, P., jr., 31.
Serrano, L. A., 60.
Setchell, W. A., 5.
Settles, O., 22.
Severance, G., 70.
Severin, H. C,, 63.
Severin, H. H. P., 6.
Severin, J. E., 12.
Severson, A. S , 51.
Sewall, H. W., 36.
Sewell, J. G , 5.
Sewell, M. C., 23.
Sexauer, T. E., 38.
Seymour, H. C., 56.
Shaben, L., 22.
Shands, R. G., 13.
Shanklin, F. M., 19.
Sharp, L. W., 46.
Sharp, P. F., 46.
Shattuck, O., 57.
Shaw, C. F., 5.
Shaw, E. L., 70.
Shaw, J. K., 31
Shaw, J. M., 20.
Shaw, M. A., 72.
Shaw, R. S., 32.
Shaw, S. B., 30.
Shaw, W. M., 63.
Shaw, W. T., 70.
Shawl, R. I., 17.
Shay, W. W., 50.
Shea, T. F., 56.
Shealy, A. L., 11.
Shear, C. L., II.
Shear, E. V., jr., 49.
Shear, S. W., 6.
Shearer, P. S., 20.
Shedd, C. K., 24.
Shedd, O. M., 26.
Sheffer, L. M., 12.
Shelby, H., 55.
Shellenberger, M. E., 33.
Shelton, W. R., 55.
Shepard, C. E., 10.
Shepardson, C. N , 8.
Shepherd, H. W., 7.
Shepherd, L., 10.
Sheppard, O. E., 40.
Shepperd, J. H., 51.
Sherbakoff, C. D., 63.
Sheridan, M. E., 8.
Sherman, F. (Fla.), 11.
Sherman, F. (N. C.), 50.
Sherman, J. M., 46.
Sherman, L. P., 74.
Sherwood, E. C., 71.
Sherwood, F. F., 21.
Sherwood, F. W., 50.
Sherwood, R. C., 35.
Sherwood, R. M., 64.
Shibles, L. D., 29.
Shields, A. L., 55.
Shigley, J. F., 58.
Shilling, I. M., 22.
Shimer, S. R., 43.
Shirky, S. B., 39.
Shive, J. W., 43.
Shobe, W. L., 27.
Shoemaker, J. N., 53.
Sholl, L. B., 34.
Short, A. K., 65.
Shoup, G. R., 70.
Shoup, Mrs. G. R., 70.
Showers, B. J., 3.
Shrader, H. L., 38.
Shuey, G. A., 58.
Shuhart, D. V., 55.
Shunk, I. V. D., 50.
Sibley, C. K., 47.
Sidelmann, I. O., 58.
Sideris, C. P., 13.
Siecke, E. O., 65.
Siemens, M. M., 70.
Sieveking, E. G., 16.
Sievers, F. J., 70.
Sikes, E. W., 61.
Silkett, R. J., 39.
Silvestri, F., 6.
Simkins, W. A., 54.
Simmons, C. S., 18.
Simmons, G. E., 28.
Simmons, J. E., 56.
Simmons, S. B., 51.
Simms, B. T., 57.
Simms, H., 2.
Simms, J. A., 9.
Simon, E. C., 27.
Simon, R. H., 54.
Simons, L. R., 47.
Simpson, A. C., 58.
Sims, A. J., 64.
Sims, M. L., 2.
Sims, N. L., 31.
Sinclair, R. S., 45.
Sinclair, W, 29.
Sinden, J. W., 48.
Singleton, H. P. 70.
Sinnott, E. W., 9.
Sipe, F. P., 56.
Sipe, G. R., 37.
Sippel, O. A., 40.
Sjogren, J. W., 7.
Sjogren, O. W., 41.
Skelley, W. C., 43, 44.
Skelton, G. V., 56.
Skidmore, H. M., 6.
Skidmore, L. V., 42.
Skillman, E. G., 45.
Skinner, A. G., 9.
Skinner, E. L., 31.
Skinner, J., 2.
Skinner, J. H., II, 18.
Slate, G. L., 49.
Slate, W. L., jr., 9, 10.
Slater, S. E., 71.
Slightam, K., 64
Slipher, J. A., 53.
Sloat, H. S., 58.
Slocum, B. A., 70.
Slocum, V., 35.
Small, D., 17.
Small, J. A., 45.
Smith, A. (Calif.), 5.
Smith, A. (N. C.), 51.
Smith, A. B., 25.
Smith, A. C., 36.
Smith, A. G., jr., 68.
Smith, A. M. (Iowa), 22.
Smith, A. M. (Md.), 30.
Smith, B. B., 24.
Smith, C. O., 7.
Smith, C. R., 23.
Smith, C. W., 41.
Smith, E. D., 8.
Smith, E. E., 59.
Smith, E. F., 8.
Smith, E. H., 7.
Smith, E. T., 52.
Smith, E. V., 48.
Smith, F. B., 21.
Smith, F. H., 13.
Smith, G. E. P., 3.
Smith, G. M., 18.
Smith, G. O., 29.
Smith, H., 67.
Smith, H. B., 28.
Smith, H. H., 8.
Smith, H. J., 37.
Smith, H. P., 65.
Smith, H. S., 6.
Smith, H. V., 3.
Smith, H. W., 29.
Smith, I. M., 70.
Smith, J. B., 60.
Smith, J. E., 30.
Smith, L. B., 6.
Smith, L. H., 16.
Smith, L. J., 69.
Smith, L. R., 44.
Smith, M., 53.
Smith, M. L., 42.
Smith, M. M., 43.
Smith, Mrs. M. R., 33.
Smith, O., 23.
Smith, O. M., 55.
Smith, P. H., 31.
Smith, R. C., 25.
Smith, R. E., 7.
Smith, Mrs. R. G., 47.
Smith, R. S., 16.
Smith, R. T., 69.
Smith, R. W., 52.
Smith, R. W., jr., 31.
Smith, T., 14.
Smith, T. O., 43.
Smith, W. E., 14.
Smith, W. H., 16.
Smith, W. W., 18.
Smith, Z. M., 19.
Smurthwaite, G., 25.
Smyth, J. R., 26.
Snapp, R. R., 16.
Snell, M. G., 45.
Snider, H. J., 16.
Snipes, M. L., 2.

Snodgrass, G. L., 27.
Snodgrass, M. D., 3.
Snook, J. H., 53.
Snow, F. L., 57.
Snuggs, R. E., 65.
Snyder, E. M., 26.
Snyder, G. B., 31.
Snyder, J. M., 30.
Snyder, L. H., 50.
Snyder, R. M., 34.
Snyder, R. S.(Idaho), 15.
Snyder, R. S. (Pa.), 59.
Snyder, R. W., 20.
Snyder, S. D., 65.
Snyder, W. P., 42.
Sobye, L., 36.
Sommer, H. H., 72.
Sommerfeldt, E., 52.
Sonnenday, D. F., 48.
Sorenson, A., 33.
Sotola, J., 69.
Souder, M. A., 17.
Soule, A. M., 12.
Soule, R. M., 12.
Spaeth, J. N., 48.
Spangler, R. L., 14.
Spangler, S. M., 63.
Sparks, E. E., 16.
Spaulding, M. H., 40.
Spears, H. D., 27.
Spencer, A. P., 11.
Spencer, H., 69.
Spencer, H. B., 52.
Spencer, J. N., 20.
Spencer, J. O., 30.
Spencer, L., 47.
Spencer, R. F., 22.
Spencer, V. E., 16.
Spinney. L. B., 23.
Spitler, J. C., 16.
Spitzer, G., 19.
Spohn, A., 48.
Spohn, B. B., 53.
Sprague, H. B., 44, 45.
Sprague, M. E., 9.
Spriggs, Mrs. A. G., 71.
Spring, S. N., 48.
Spuler, A., 70.
Spurrier, F. M., 6.
Spurway, C. H., 33.
Stabe, H. A., 28.
Stack, J. W., 34.
Stacy, W. H., 21.
Stadler, L. J., 39.
Stafford, E. W., 37.
Stafseth, H. J., 34.
Stahl, B. M., 53.
Stahl, J. L., 7.
Stair, E. C., 19.
Stakman, E. C., 36.
Staley, F. M., 62.
Stallings, J. H., 64.
Stallings, M., 39.
Stanford, H., 65.
Stanford, K. M., 59.
Stange, C. H., 23.
Stangel, W. L., 64.
Stanley, E. B., 3.
Stansel, R. H., 64.
Staples, C. H., 27.
Staples, R., 42.
Stapleton, D. V., 37.
Stapley, T. L., 3.
Stark, R. W., 16.
Starkey, L. V., 61.
Starnes, T. E., 68.
Starr, C. L., 62.
Starr, G. E., 33.
Starr, S. H., 13.
Starrak, J. A., 21.
Starring, C. C., 40.
Starring, G. A., 62.
Stason, M., 56.
Stauffer, R. S., 16.
Stearns, L. A., 45.
Stebbins, M. E., 39.
Steele, B., 42.
Steele, D. G., 73.
Steelman, L. W., 58.
Steenbock, H., 72.
Steffen, E. H., 70.
Steiger, E., 53.
Steinel, A. T., 8.
Steinmetz, F. H., 34.
Stemmons, W., 9.
Stender, H. K., 14.
Stene, A. E., 60.
Stephens, D. E., 57.
Stephens, M., 22.
Stephenson, N. M., 19.
Stephenson, R. E., 57.
Stephenson, R. S., 20.
Steup, H. H., 24.
Steve, N. D., 47.
Stevens, A. T., 9.
Stevens, B. W., 57.
Stevens, C. L., 43.
Stevens, F. D., 27.
Stevens, H. B., 43.
Stevens, J. W., 72.
Stevens, M., 47.
Stevens, O. A., 51.
Stevenson, F. J., 69.
Stevenson, G. L., 62.
Stevenson, H. A., 48.
Stevenson, W. H., 21.
Stewart, D., 48.
Stewart, E., 25.
Stewart, E. A., 35.
Stewart, F. C., 49.
Stewart, G., 66.
Stewart, G. R., 14.
Stewart, H. W., 73.
Stewart, J. J., 42.
Stewart, O. M., 39.
Stewart, P. H., 41.
Stewart, R., 42.
Stewart, R. M., 47.
Stewart, S., 28.
Stewart, W. F., 53.
Stier, R. F. E., 69.
Stiles, H., 23.
Stillman, G. S., 73.
Stillman, H. A., 39.
Stillwell, E. C., 71.
Stillwell, M. E., 42
Stinson, T. B., 25.
Stiritz, B. A., 16.
Stirniman, E. J., 6.
Stirrett, G. M., 35.
Stivers, E. D., 63.
Stoa, T. E., 51.
Stockdale, C. E., 71.
Stocking, W. A., 46.
Stoddard, E. M., 10.
Stoddard, M. L., 36.
Stokdyk, E. A., 24.
Stokes, W. E., 11.
Stoltz, R. B., 52.
Stone, A. L., 72.
Stone, H. C., 37.
Stone, P. H., 13.
Storer, T. I., 6.
Storie, R. E., 5.
Storm, A. V., 35.
Story, I. M., 27.
Stouder, K. W., 23.
Stout, G. R., 50.
Stout, S. R., 4.
Stover, W. G., 52.
Strahan, J. L., 31.
Strand, A. L., 35.
Stratton, R., 55.
Strawn, O. P., 68.
Streeter, L. R., 49.
Streets, R. B., 3.
Strickland, G., 57.
Stringfield, G. H., 54.
Stroman, G. N., 64.
Strong, W. O., 69.
Stubblefield, D. A., 15.
Stuckey, H. P., 13.
Studley, L. A., 36.
Sturgis, M. B., 64
Sturgis, N. H., 55.
Sturkie, D. G., 61.
Suarez, E., 2.
Sugg, R. S., 2.
Sullivan, K. C., 38.
Summerour, C. W., 12.
Summers, O. N., 41.
Summers, T. H., 8.
Sumner, H. R., 23.
Sumner, W. A., 73.
Sunderlin, G., 63.
Sunderlin, H. H., 21.
Sure, B., 4.
Surr, J. G., 7.
Sussex, S. W., 63.
Sutherland, M. E., 70.
Sutter, C. M., 62.
Suttle, A. D., 37.
Sutton, L. F., 71.
Swallow, A. P., 65.
Swanson, A. F., 25.
Swanson, C. O., 23.
Swanson, H. B., 21.
Swanson, L. V., 22.
Swanson, P., 40.
Swartwout, H. G., 39.
Sweeney, M. P., 49.
Sweet, M. B., 15.
Sweetser, H. P., 29.
Swenehart, J. H., 72
Swenk, M. H., 41.
Swezey, O. H., 14.
Swift, H. C., 28.
Swift, R. W., 59.
Swingle, D. B., 40.
Swire, R. P., 28.
Swope, W. D., 58.
Sykes, J. D., 1.
Symons, T. B., 29.
Szymoniak, B., 28.

Taber, R. F., 52.
Tabor, A., 13.
Tabor, P., 12.
Tackaberry, M. R., 17.
Taff, P. C., 21.
Taggart, W. G., 28.
Tague, E. L., 24.
Tailby, G W., jr., 46.
Talbert, T. J., 39.
Talbot, N. A., 55.
Talbot, R. F., 28.
Talcott, A., 21.
Taliaferro, W. T. L., 30
Tanner, Mrs. A. L., 38.
Tanner, H. T., 38.
Tanner, J. E., 37.
Tannreuther, G. W., 39
Tapley, W. T., 59.
Tappan, G., 1.
Tarr, W. A., 39.
Tascher, W. R., 16.
Tate, E. I., 69.
Taubenhaus, J. J., 65
Tavernetti, T. F., 5.
Taylor, A. D., 53.
Taylor, B. L., 15.
Taylor, C. A., 47.
Taylor, C. C. (N. C.), 50.
Taylor, C. C. (Va.), 68.
Taylor, C. M., 60.
Taylor, Mrs. C. P., 4.
Taylor, D., 20.
Taylor, D. B., 51.
Taylor, D. J., 24.
Taylor, E. L., 41.
Taylor, F. W., 43.
Taylor, G. S., 35.
Taylor, J., 51.
Taylor, J. B., 63.
Taylor, J. C. (Mont.), 40.
Taylor, J. C. (Pa.),
Taylor, L. C., 57.
Taylor, O. A., 34.
Taylor, O. M., 49.
Taylor, R. W., 1.
Taylor, W. A., II.
Taylorr, S. B. W., 51.
Teague, J. E., 65.
Tear, J. F., 33.
Tedder, G. E., 11.
Temple, C. E., 30.
Templeton, G. S., 37.
Templin, E. H., 65.
Terrell, W. G., 27.
Terrill, B. M., II, 67.

Terry, O. P., 18.
Test, L. A., 18.
Tetrault, P. A., 18.
Tetreau, E., 72.
Thaden, J. F., 21.
Thatcher, L. E., 54.
Thatcher, R. W., II, 46, 49.
Thayer, C. H., 30.
Thayer, C. L., 31.
Thayer, P., 59.
Thayer, W. C., 31.
Theus, J. H., 28.
Thies, W. H., 31.
Thomas, E. E., 5.
Thomas, F. L., 65.
Thomas, H. E., 48.
Thomas, J. L., 64.
Thomas, J. M., II, 58.
Thomas, J. R., 69.
Thomas, M. D., 66.
Thomas, R. C., 54.
Thomas, W., 58.
Thomas, W. I., 34.
Thomasson, R. R., 39.
Thompson, B. E., 32.
Thompson, C. H., 31.
Thompson, C. P., 55.
Thompson, D. M., 18.
Thompson, E. J., 51.
Thompson, F. E., 64.
Thompson, G. E., 23.
Thompson, H. C., 48.
Thompson, H. M., 1.
Thompson, J. B., 69.
Thompson, J. W., 35.
Thompson, M. J., 35, 36.
Thompson, O. A., 52.
Thompson, R. B., 55.
Thompson, S., 40.
Thompson, S. H., 21.
Thompson, T. J., 41.
Thompson, W. O., 52.
Thomsen, L. C., 72.
Thor, A. U., 16.
Thorfinnson, T. S., 51.
Thornber, J. B., 15.
Thornber, J. J., 3.
Thorne, C. E., 54.
Thornton, M. H., 18.
Thorp, K., 48.
Thrash, C. L., 53.
Throckmorton, R. I., 23.
Thursby, I., 11.
Thurston, A. S., 30.
Thurston, F. M., 48.
Thurston, H. W., jr., 58.
Thurston, L. M., 35.
Thurston, M. F., 47.
Tidmore, J. W., 1.
Tidwell, H. C., 65.
Tiebout, G. L., 28.
Tiedjens, V. A., 31.
Tiffany, E. M., 72.
Tiffany, L. H., 52.
Tilford, P. E., 54.
Timberlake, P. H., 6.
Tims, E. C., 27.
Tingey, D. C., 66.
Tingley, E. M., 43.
Tingley, M. M., 19.
Tippett, J. E., 6.
Tirrell, L. V., 43.
Tisdale, H. B., 1.
Tisdale, W. B., 11.
Tittsler, R. P., 58.
Titus, C. M., 6.
Titus, H. W., 45.
Titus, R. W., 24.
Tobey, E. R., 29.
Tobey, G. N., 63.
Tobiska, J. W., 8.
Todd, A. E., 16.
Todd, C. C., 69.
Tolle, R. E., 27.
Tomhave, A. E., 10.
Tomhave, W. H., 58.
Tompkins, C. M., 8.
Torgerson, E. F., 57.
Toro, R. A., 60.
Torrance, J. B., 35.
Torrence, Mrs. H. S., 61.
Torrey, E. C., 36.
Torrey, G. S., 9.
Torrey, R. E., 31.
Totman, C. C., 62.
Totman, W. M., 72.
Tottingham, W. E., 72.
Trabue, E., 9.
Tracy, P. H., 16.
Trail, R. K., 2.
Transeau, E. N., 52.
Traum, J., 7.
Treakle, R. F., 68.
Treanor, K., 12.
Tretsven, J. O., 40.
Trice, M. F., 50.
Trimble, R. E., 8.
Trollope, G. A., 1.
Troop, J., 19.
Trotter, F. B., 70.
Trotter, I. P., 39.
Trotter, J. W., 50.
Trout, G. M., 71.
Trowbridge, E. A., 38.
Trowbridge, P. F., 51.
Troy, H. C., 46.
True, A. C., II.
True, G. H., 5.
Truitt, R. V., 29.
Trull, F. W., 34.
Truog, E., 73.
Tryon, H. H., 61.
Tubby, E., 8.
Tucker, B. A., 74.
Tucker, C. M., 60.
Tucker, D. A., 68.
Tucker, E. R., 17.
Tucker, M. L., 31.
Tucker, R. D., 69.
Tuckwiller, R. H., 71.
Tufts, W. P., 7.
Tukey, H. B., 49.
Tungeln, G. H. Von, 21.
Tunnicliff, E. A., 16.
Turlington, J. E., 11.
Turnbow, G. D., 5.
Turnbull, E. E., 3.
Turner, A. A., 11.
Turner, A. W., 21.
Turner, C. W., 38.
Turner, J. D., 27.
Turner, J. T., 56.
Turner, L. G., 59.
Turner, M. E., 22.
Turner, N., 38.
Turner, O. B., 27.
Turner, R. M., 70.
Turner, V. C., 2.
Twitchell, H. P., 53.
Tyler, A. G., 35.
Tynes, J. B., jr., 69.
Tyrrell, B., 73.
Tyson, J., 34.

Ufford, O. C., 8.
Uhland, R. E., 39.
Ullsperger, H. W., 73.
Ulrey, O., 17.
Umberger, H. J. C., II, 23.
Underhill, G. W., 68.
Underwood, F. O., 48.
Underwood, W. W., 70.
Upham, A. H., 14.
Upp. C. W., 55.
Upson, F. W., 41.
Ure, R., 36.
Uren, A., 39.
Utz, E. J., 52.

Vail, C. E., 8.
Valentine, G. H., 62.
Valle, M. A. del, 59.
Valleau, W. D., 26.
Van Aken, K. G., 16.
Van Alstine, E., 67.
Vanatta, E. E., 38.
Vanatter, P. O., 12.
Van Brocklin, F. R., 14.
Vandecaveye, S. C., 69.
Vanderberg, S. R., 13.
van der Meulen, P. A., 44.
Van Derveer, G. J., 71.
Vandervort, J., jr., 16.
Van Deusen, Mrs. E. G., 39.
Van Dyke, E. C., 6.
Van Es, L., 42.
Van Haltern, F., 20.
Vaniman, V., 16.
Van Kirk, M. S., 57.
Van Lone, E. E., 73.
Van Meter, R. A., 31.
Van Rensselaer, M., II, 47, 48.
Vansell, G. H., 6.
Van Slyke, L. L., 49.
Van Vliet, J. W., 63.
Van Zwaluwenburg, R. H., 14.
Vasanoja, H., 57.
Vasold, N., 17.
Vass, A. F., 74.
Vaughan, H. W., 34.
Vaughan, L. M., 47
Vaughan, P. M., 69.
Vaughan, R. E., 73.
Vaughn, E. C., 26.
Vawter, L. R., 42.
Veatch, J. O., 34.
Vedder, M., 42.
Veihmeyer F. J., 6.
Veitch, I., 29.
Verbeck, R. H., 32.
Vernon, J. J., 68.
Vernon, W. M., 20.
Verret, J. A., 14.
Vestal, C. M., 18.
Vestal, F. E., 37.
Vial, E. E., 46.
Vial, J. M., 58.
Vickers, G. S., 52.
Vickery, H. B., 10.
Vifquain, R. M., 22.
Vincent, C. C., 15.
Vincent, C. L., 70.
Vincent, G. W., 55.
Vivian, A., II, 52.
Vogele, A. C., 17.
Voges, C. R., 65.
Volz, E. C., 23.
von Ende, C. L., 15.
von Lehe, H. H., 56.
Von Tungeln, G. H., 21
Voorhies, E. C., 5.
Vorhies, C. T., 3.

Wachter, H. M., 54.
Waddell, R. L., 40.
Wade, C. I., 68.
Wade, Miss I. E., 56.
Wade, L. W., 19.
Wade, O., 38.
Wade, T. E., 63.
Wadleigh, C. B., 43.
Wadsworth, H. A., 6.
Waggener, S. M., 2.
Wagner, F. A., 25.
Wagner, F. E., 44.
Wagner, R. G., 59.
Wait, B. C., 57.
Waite, R. B., 20.
Waite, R. H., 29.
Waite, W. C., 35.
Wakeland, C., 15.
Wakeman, A. J., 10.
Waksman, S. A., 44.
Walden, B. H., 10.
Walden, W. N., 45.
Waldron, C. B., 52.
Waldron, L. R., 51.
Walker, A. L., 45.
Walker, B. M., 37.
Walker, F., 67.
Walker, G. G., 53.
Walker, G. P., 18.
Walker, H. B., 24.
Walker, J. C., 73.
Walker, L. B., 41.
Walker, L. S., 31.
Walker, L. V., 68.
Walker, W. H., 65.
Walkey, F. L., 19.
Wallace, B. A., 52.

Wallace, H. F., 37.
Wallace, H. L., 21.
Wallace, M. E., 50.
Wallace, Q. W., 20.
Wallace, R. C. E., 18.
Waller, A. E., 52.
Waller, C. H., 66.
Waller, J. A., jr., 68.
Waller, K. A., 74.
Waller, O. L., 69.
Walpole, B. A., 32.
Walsh, F. E., 23.
Walsh, W. F., 49.
Walster, H. L., 51.
Walter, E. J., 58.
Walter, L. E., 74.
Waltman, C. S., 27.
Walton, L., 28.
Walton, R. C., 58.
Walton, T. O., II, 64, 65.
Wanlass, W. L., 66.
Wanser, H. M., 70.
Ward, A. L., 64.
Ward, F. C., 12.
Ward, J. C., 8.
Ward, W. B., 23.
Ward, W. G., 24.
Wardall, R. A., 17.
Wardell, E. L., 17.
Wardin, E. G., 50.
Ware, A. S., 65.
Ware, J. O., 4.
Ware, L. M., 1.
Waring, J. H., 59.
Wark, A. C., 44.
Wark, C. H., 44.
Warner, A. J., 48.
Warner, D. E., jr., 9.
Warner, H. W., 22.
Warner, J. D., 61.
Warner, Mrs. L. A., 64.
Warner, W. H., 66.
Warren, D. C., 24.
Warren, G. F., 46.
Warren, G. R., 64.
Wartman, C. J., 69.
Washington, Mrs. B. T., 2.
Washington, J. I., 62.
Washington, W. H., 61.
Waterhouse, W. G., 6.
Waters, M., 54.
Watkins, A. W., 48.
Watkins, C., 28.
Watkins, D. W., 61.
Watkins, L. J., 2.
Watson, C. W., 15.
Watson, J. R., 11.
Watson, M. E., 29.
Watson, P. P., 27.
Watson, T. G., 52.
Watts, R. J., 32.
Watts, R. L., 58.
Waugh, F. A., 31.
Waugh, G. L., 43.
Wautenpaugh, H. N., 57.
Weakley, C. E., jr., 71
Weaver, A. J., 65.
Weaver, D. S., 49.
Weaver, E., 20.
Weaver, F. P., 47.
Weaver, G. S., 63.
Weaver, H. A., 46.
Weaver, J. E., 41.
Weaver, L. A., 38.
Weaver, L. E., 48.
Weaver, R. A., 18.
Weaver, V. H., 17.
Weaver, W. E., 54.
Webb, E. G., 33.
Webb, W. L., 4.
Webber, H. J., 5, 7.
Weber, A. D., 24.
Weber, C. W., 38.
Weber, G. F., 11.
Webster, G. H., 3.
Webster, N., 14.
Webster, R. L., 52.
Weeks, D., 6.
Weems, C., 13.
Wegner, E. E., 70.
Wehrle, L. P., 47.
Weidemann, A. G., 34.
Weimar, A. C., 32.
Weinard, F. F., 17.
Weir, W. W., 5.
Weisner, O. J., 32.
Weiss, C. E., 48.
Welch, D. S., 48.
Welch, E. G., 26.
Welch, H., 40.
Weld, E. S., 57.
Weldin, J. C., 20.
Weldon, M. M., 26.
Weller, M., 36.
Welles, W. S., 31.
Wellhouse, W. H., 23.
Wellington, R., 49.
Wells, A. C., 37.
Wells, B. W., 50.
Wells, C. F., 62.
Wells, E. B., 24.
Wells, H. M., 34.
Wells, J. G., jr., 32.
Wells, Mrs. K. M., 63.
Wells, L. T., 1.
Welsh, Mrs. C. P., 30.
Welsh, L. M., 39.
Welsh, M. F., 29.
Welton, F. A., 54.
Wenger, M. S., 17.
Weniger, W., 51.
Wentling, J. P., 35.
Wentworth, S. W., 43.
Wentz, J. B., 22.
Werkman, C. H., 31.
Werner, H. O., 42.
Wertz, V. R., 62.
Wescott, C., 48.
Wess, Mrs. J. P., 56.
Wessels, P. H., 48.
West, C. H., 6.
West, F. L., 67.
West, G. A., jr., 47.
West, L. S., 47.
West, R. B., 66.
Westbrook, E. C., 12.
Westgate, J. M., 14.
Westgate, M. E., 59.
Westley, R. O., 74.
Weston, J. W., 33.
Westover, K. C., 71.
Wetherbee, D. H., 48.
Whaley, G. C., 60.
Wharton, M. F., 3.
Whedon, A. D., 51.
Wheeler, E. W., 59.
Wheeler, J. T., 12.
Wheeler, R. H., 47.
Wheeler, S. S., 71.
Wheeler, W. P., 49.
Wheeting, L. C., 34.
Whelan, D. B., 41.
Whetzel, H. H., 48.
Whipple, B. K., 39.
Whipple, G. L., 57.
Whitaker, R., 46.
Whitcomb, D. D., 61.
Whitcomb, W. O., 40.
White, A., 30.
White, B., 30.
White, C. H., 29.
White, D. S., 52, 53.
White, E., 70.
White, E. A., 48.
White, G. C., 9.
White, H. B., 35.
White, H. C., 12.
White, H. H., 56.
White, H. O., 3.
White, J. L., 27.
White, J. W., 58.
White, O. D., 71.
White, P. S., 54.
White, R. C., 65.
White, R. P., 24.
White, S. H., 17.
White, T. H., 30.
White, Mrs. W. P., 13.
White, W. R., 59.
White, W. T., 3.
Whiteford, G. H., 8.
Whitehead, F. E., 15.
Whitehouse, J. W., 26.
Whitehouse, W. E., 30.
Whitenton, R. O., 55.
Whitfield, J. E., 2.
Whiting, A. L., 72.
Whiting, P. W., 28.
Whiting, R A., 19.
Whitlock, M. C., 17.
Whitney, E. M., 9.
Whitson, A. R., 73.
Whittaker, J. C., 62.
Whittemore, H. L., 43.
Wiancko, A. T., 18.
Wickliff, E. L., 54.
Wickwire, G. C., 18.
Wiegand, E. H., 57.
Wiegand, K. M., 46.
Wiepking, Mrs. D., 73.
Wiggans, C. B., 4.
Wiggans, C. C., 42.
Wiggans, R. G., 46.
Wiggin, W. W., 29.
Wight, H. M., 57.
Wilbanks, W. C., 4.
Wilbur, J. W., 19.
Wilbur, O. M., 28.
Wilcox, A. N., 36.
Wilcox, L. P., 57.
Wilde, E. I., 59.
Wilder, C. N., 12.
Wilder, H., 33.
Wilder, J. A. H., 14
Wilder, S. Z., 63.
Wildon, C. E., 60
Wiley, C. G., 13.
Wiley, J. R., 18.
Wiley, R. C., 29.
Wilford, E. J., 26
Wilkes, C., 56.
Wilkins, A., 41.
Wilkins, F. S., 22.
Wilkins, M. R., 40.
Wilkinson, A. E., 9.
Wilkinson, E., 8.
Wilkinson, J. A., 20.
Wilkinson, R. S., 62.
Willaman, J. J., 35.
Willard, C. J., 53.
Willard, H. S., 74.
Willard, J. D., 30.
Willard, J. T., 24.
Willard, R. E., 51.
Willey, C. R., 68.
Williams, B., 71.
Williams, B. O., 61.
Williams, C. B., 49.
Williams, C. F., 50.
Williams, C. G., 54.
Williams, C. L., 50.
Williams, C. M., 39.
Williams, C. V., 24.
Williams, D. W., 64.
Williams, E. A., 13.
Williams, F. X., 14.
Williams, G., 66.
Williams, G. A., 19.
Williams, G. P., 50.
Williams, H. L., 27.
Williams, J. C., 57.
Williams, L. C., 25.
Williams, L. F., 50.
Williams, M., 54.
Williams, Mrs. M., 13.
Williams, N. H., 51.
Williams, P. S., 58.
Williams, T. B., 25.
Williams, V. M., 50.
Williams, W., 66.
Williamson, Mrs. C. M., 50.
Williamson, D. D., 43.
Williamson, H. H., 65.
Williamson, J. T., 1.
Willis, B. C., 36.
Willis, J. W., 37.
Willis, L. G., 49
Willis, M. A. (Del.), 10.

Willis, M. A. (La.), 28.
Willis, R. L., 44.
Williston, D. A., 2.
Willmarth, A. B., 67.
Willoughby, C. H., 11.
Willoughby, L. E., 24.
Willson, C. A., 63
Willson, E. A., 52.
Willson, L. H., 23.
Willson, R. B., 47.
Wilner, S., 51.
Wilson, A. L., 67.
Wilson, B. D., 46.
Wilson, C. E., 53.
Wilson, C. P., 45.
Wilson, C. V., 71.
Wilson, E., 27.
Wilson, E. D., 28.
Wilson, E. J., 65.
Wilson, F. R., 5.
Wilson, F. W. (Nebr.), 42.
Wilson, F. W. (Tex.), 65.
Wilson, H. E., 31.
Wilson, H. F., 72.
Wilson, H. L., 50.
Wilson, I. D., 68.
Wilson, J. F., 5.
Wilson, J. K., 46.
Wilson, J. T., 54.
Wilson, J. W., 62.
Wilson, L. V., 35.
Wilson, Mrs. M. L., 64.
Wilson, M. M., 70.
Wilson, R. C., 12.
Wilson, R. S., 37.
Wilson, S. M., 59.
Wilson, W. C., 26.
Wilson, W. M , 48.
Wilster, G., 66.
Wimer, D. C., 16.
Winant, H. B., 30.
Winchell, J. A., 67.
Winchester, G., 44.
Winchester, G. L., 49.
Winfrey, R. E., 23.
Wing, E. M., 8.
Wing, H. H., 46.
Wingard, S. A.,68.
Wingfield, J. C., 3.
Winkler, A. J., 7.
Winkler, C. H., II, 65.
Winsor, L. M., 66.
Winter, A. R., 54.
Winter, F. L., 16.
Winter, O. B., 32.
Winterer, E. V., 5.
Winters, E. S., 2.
Winters, R. Y., 50.
Winters, V. W., 2.
Winton, B., 38.
Wise, W., 32.
Wiseman, C. R., 62.
Withycombe, R., 57.
Witter, D. P., 47.
Wixson, S., 33.
Wodsedalek, J. E., 15.
Wojta, J. F., 73.
Wolf, F. A., 50.
Wolfe, T. K., 68.
Wolff, A. C., 35.
Wood, A. T., 10.
Wood, B., 32.
Wood, C. J., 3.
Wood, D. B., 73.
Wood, D. C., 38.
Wood, I. D., 41.
Wood, J. H., 12.
Wood, M. L., 31.
Wood, S. R., 55.
Wood, W. H., 65.
Woodard, C. S., 4.
Woodard, O., 13.
Woodbridge, H., 28.
Woodcock, E. F., 32.
Woodley, W. H., 4.
Woodroof, J. G., 13.
Woodrow, J. W., 23.
Woods, A. F., II, 29.
Woods, K. E., 10.
Woods, M., 2.
Woodward, C. R., 44, 45.
Woodward, H. M., 31.
Woodward, K. W., 43.
Woodward, N. F., 40.
Woodworth, B., 33.
Woodworth, C. M., 16.
Woodworth, C. W., 6.
Woodworth, H. C., 43.
Wooley, J. C., 38.
Woolsey, C., 4.
Work, P., 48.
Working, E. B., 24.
Working, H., 35.
Works, G. A., II, 47.
Worsham, C. G., 62.
Worthen, E. L., 46.
Worthington, A. D., 23.
Worthley, H. N., 59.
Wray, J. D., 51.
Wray, R., 6.
Wrenshall, R., 13.
Wright, A. H. (N. Y.), 48.
Wright, A. H. (Wis.), 72.
Wright, B., 59.
Wright, C. C., 70.
Wright, E. M., 69.
Wright, F. B., 47.
Wright, J. B., 38.
Wright, K. T., 17.
Wright, R. G., 44.
Wright, T. R. H., 62.
Wright, W. H., 72.
Wright, W. J., 47.
Wuichet, J. W., 52.
Wyche, R. H., 65.
Wylie, O. E., 63.

Yakeley, D. M., 34.
Yapp, W. W., 16.
Yates, [illegible]. W., 56.
Yaxis, T. G., 31.
Yeager, A. F., 52.
Yoder, F. R., 69.
York, H. A., 37.
Young, A. L., 17.
Young, B. P., 48.
Young, E. C., 19.
Young, G. E., 19.
Young, H. C., 54.
Young, H. J. (Nebr.), 41.
Young, H. J. (N. C.), 50.
Young, H. P., 67.
Young, I. W., 56.
Young, J. B., 63.
Young, N. B., 40.
Young, P. R., 47.
Young, V. H., 4.
Young, W. H., 17.
Youngblood, B., 64.
Youngman, W. H., 65
Yount, H. W., 31.

Zahnley, J. W., 24.
Zappe, M. P., 10.
Zavoral, H. G., 34.
Zeasman, O. R., 72, 73.
Zeeuw, R. de., 32.
Zeller, S. M., 56.
Ziegler, P. T., 58.
Zimmerley, H. H., 69.
Zimmerman, P. W., 29
Zimmerman, R. S., 51.
Zon, R., 36.
Zook, L. L., 42.
Zudreele, G., 15.
Zundel, G. L., 70.

ADDITIONAL COPIES
OF THIS PUBLICATION MAY BE PROCURED FROM
THE SUPERINTENDENT OF DOCUMENTS,
GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.
AT
15 CENTS PER COPY

THE LIBRARY OF THE
APR 23 1931
UNIVERSITY OF ILLINOIS

UNIVERSITY OF ILLINOIS-URBANA
3 0112 084237954